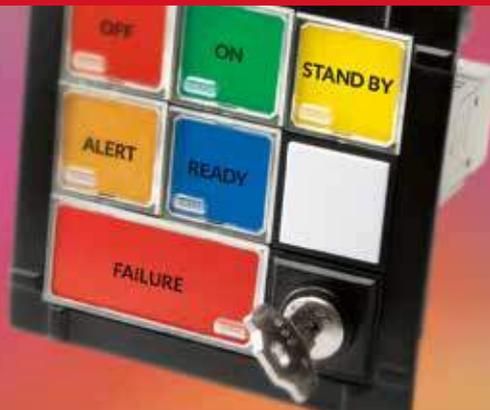


DOMO

Signalling and control devices



Index

Page

12

Spherical
Series SFT and SLT



26

Semaphore and Position
Series CR and PI



50

MultiLED display
Series ML and MLH



64

Extra bright
Series VEB



74

LED Beacon Lights
Series PHR



LED Indicators

Page

86

Stack Lights with LEDs
Series TWR

96

Pilot Lights with integrated LED
Series CX and DX

104

Flat LED display
Series P

126

AmpiLED display
Series HL

134

Small LED
Series VL8, H8 and H12

LED Indicators



142

Pushbuttons $\varnothing 16\text{mm}$
Series CD16



170

Pushbuttons $\varnothing 22\text{mm}$
Series DX22



Page

Page

196 Control Panel Annunciator Series CTR24



202 Control Panel Annunciator Series LQ1



206 LED Lamps Series LD



214 LED Beacon Lights Series Ai1



220 Accessories and spare parts Ø16mm and Ø22mm



Control and Annunciator panels



LED Lamps



Safety and Light

Comparative table

Pushbutton	
Pushbutton	
Pushbutton	
Pushbutton	
Double pushbutton	
Illuminated pushbutton	
Emergency mushroom	
Keylock switch	
selector switch	
Emergency for safety	
Design	
Protruding	•
Flushmounting	•
Round	
Square	
Rectangular	
Front protection (internal test)	
IP40	•
IP54	
IP65	
IP67	
Contact rating	
10A	
5A	
Mounting Cut-out	
Ø48	
Ø50	
Ø55	
Ø60	
Ø65	
Ø70	
Ø75	
Ø80	
Ø85	
Ø90	
Ø95	
Ø100	
Ø105	
Ø110	
Ø115	
Ø120	
Ø125	
Ø130	
Ø135	
Ø140	
Ø145	
Ø150	
Ø155	
Ø160	
Ø165	
Ø170	
Ø175	
Ø180	
Ø185	
Ø190	
Ø195	
Ø200	
Ø205	
Ø210	
Ø215	
Ø220	
Ø225	
Ø230	
Ø235	
Ø240	
Ø245	
Ø250	
Ø255	
Ø260	
Ø265	
Ø270	
Ø275	
Ø280	
Ø285	
Ø290	
Ø295	
Ø300	
Ø305	
Ø310	
Ø315	
Ø320	
Ø325	
Ø330	
Ø335	
Ø340	
Ø345	
Ø350	
Ø355	
Ø360	
Ø365	
Ø370	
Ø375	
Ø380	
Ø385	
Ø390	
Ø395	
Ø400	
Ø405	
Ø410	
Ø415	
Ø420	
Ø425	
Ø430	
Ø435	
Ø440	
Ø445	
Ø450	
Ø455	
Ø460	
Ø465	
Ø470	
Ø475	
Ø480	
Ø485	
Ø490	
Ø495	
Ø500	
Ø505	
Ø510	
Ø515	
Ø520	
Ø525	
Ø530	
Ø535	
Ø540	
Ø545	
Ø550	
Ø555	
Ø560	
Ø565	
Ø570	
Ø575	
Ø580	
Ø585	
Ø590	
Ø595	
Ø600	
Ø605	
Ø610	
Ø615	
Ø620	
Ø625	
Ø630	
Ø635	
Ø640	
Ø645	
Ø650	
Ø655	
Ø660	
Ø665	
Ø670	
Ø675	
Ø680	
Ø685	
Ø690	
Ø695	
Ø700	
Ø705	
Ø710	
Ø715	
Ø720	
Ø725	
Ø730	
Ø735	
Ø740	
Ø745	
Ø750	
Ø755	
Ø760	
Ø765	
Ø770	
Ø775	
Ø780	
Ø785	
Ø790	
Ø795	
Ø800	
Ø805	
Ø810	
Ø815	
Ø820	
Ø825	
Ø830	
Ø835	
Ø840	
Ø845	
Ø850	
Ø855	
Ø860	
Ø865	
Ø870	
Ø875	
Ø880	
Ø885	
Ø890	
Ø895	
Ø900	
Ø905	
Ø910	
Ø915	
Ø920	
Ø925	
Ø930	
Ø935	
Ø940	
Ø945	
Ø950	
Ø955	
Ø960	
Ø965	
Ø970	
Ø975	
Ø980	
Ø985	
Ø990	
Ø995	
Ø1000	

Comparative table



Series	SFT	SLT	CR	PI	ML	VEB	PHR	
	Spherical	Spherical	Semaphore	Position	Multiled	Extrabright	Beacon	
Page	pagina 12	pagina 12	pagina 26	pagina 26	pagina 50	pagina 64	pagina 74	
Function								
Indicator	•	•	•	•	•	•	•	
Buzzer								
Pushbutton								
Double pushbutton								
Illuminated pushbutton								
Emergency mushroom								
Keylock switch								
Selector switch								
Emergency for safety								
Design								
Protruding	•	•	•	•	•	•	•	
Flushmounting			•	•				
Round	•	•	•	•	•	•	•	
Square			•	•	•			
Rectangular								
Front protection (internal test)								
IP40					•			
IP54	•	•	•	•	•		•	
IP65					•	•		
IP67								
Contact rating								
10A								
5A								
Mounting Cut-out								
Ø8								
Ø12								
Ø16	•		•	•		•	•	
Ø22	•	•	•	•	•	•	•	
Terminal								
Faston 2,8x0,8	•	•	•	•	•	•	•	
Faston 2,8x0,5								
Screw	•	•	•	•	•	•	•	
Push-in (future)	F	F	F	F	F	F	F	
BA9s, Ba7s, E10, MG, BA15d, BA15s, E14								
Marking								
Paint, Engraving, Film insert				•	•			
Option								
Lamp Test (LT)	•	•	•	•	•			
Inbuilt Diode to avoid reverse feeding (PD)	•	•	•	•	•			
Blinking (B)	•	•					•	
Tropicalization (TR)	•	•	•	•	•	•	•	
Double input + double lamp test (2C+2LT)			•					
Low voltage glow protection (LVGP)	F	F	F	F	F	F	F	
RGB color		•						
Compatible for DOMO Mosaic Mimic								
Protruding	•	•	•	•	•	•	•	
Flushmounting			•	•	•			

F = Future



LED Indicators

Spherical

Series SFT and SLT

Series SFT and SLT

Technical features

Body material: **Polycarbonate (PC) V0/UL 94**
 Body colour: **Black**
 Protection degree: **IP54**
 Working temperature: **-20°C +60°C**
 Operating life at AT 25°C: **> 100.000 h**
Not replaceable LEDs



Available with integrated Lamp Test circuit (LT), to test all signals at once.

Supply voltage +/- 10%

Power	Consumption	Current
12 Vac/dc	15-20mA	AC/DC
24 Vac/dc	15-20mA	AC/DC
48 Vac/dc	15-20mA	AC/DC
130 = 110-130 Vac/dc	15-20mA	AC/DC
240 Vac	15mA	Alternating Current
220 Vdc	9mA	Direct Current

Other power supplies on request



Integrated Rectifier Bridge to work in Alternating Current (AC) or Direct Current (DC), automatically.



Available with Inbuilt Diode (PD) to avoid reverse feeding and Tropicalization treatment.



Easy to connect thanks to the Faston terminals 2.8mm x 0.8mm, Screw terminals or Flying Leads.



Optional Blinking Light Max 130V.

Compliance:

Directive 2006/95/EC Low Voltage

Directive 2004/108/EC Electromagnetic Compatibility

Directive 2011/65/EC RhOS

Directive 2006/42/EC Machinery

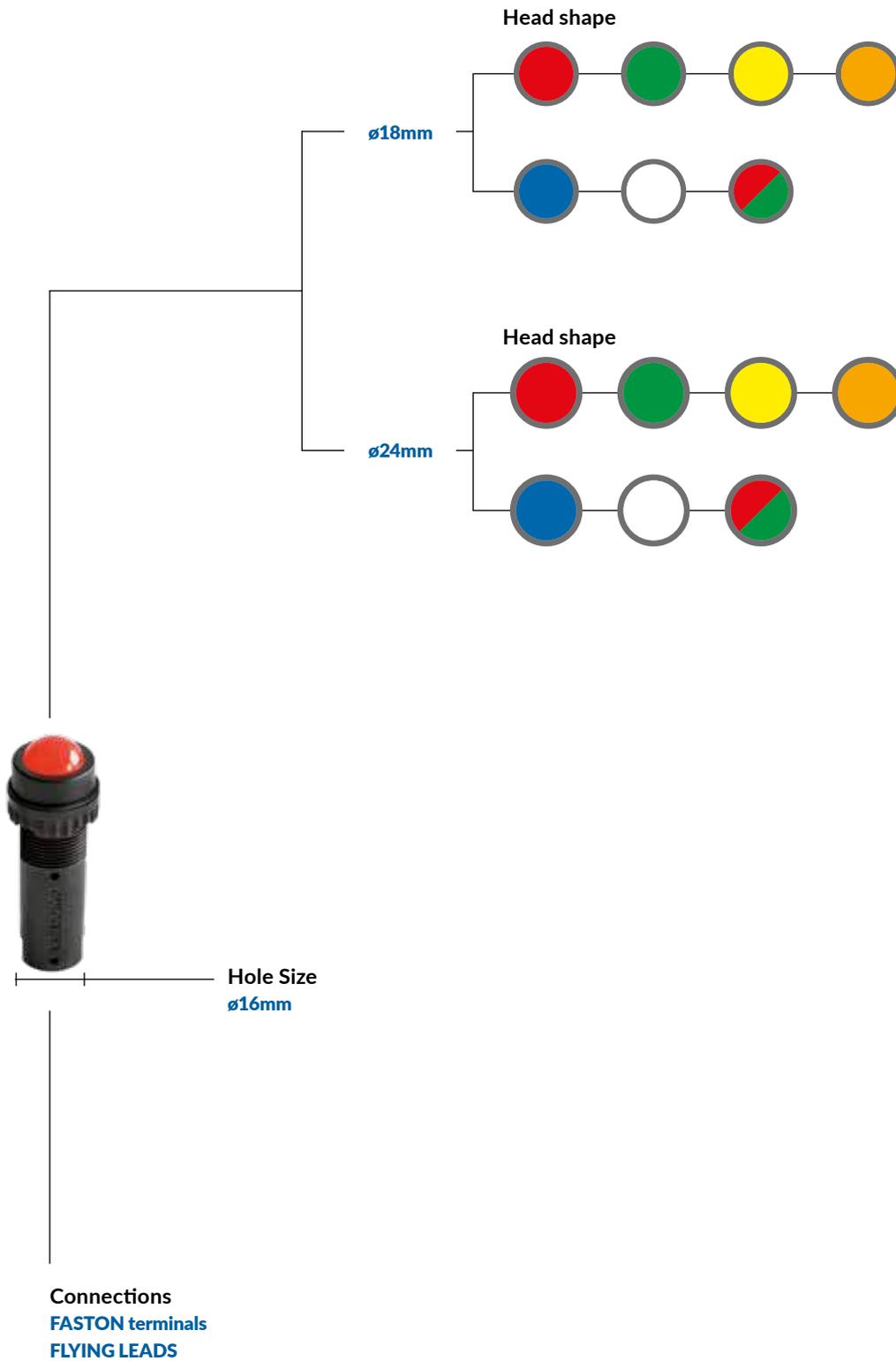
Conformity to standards:

EN 60947.5.1 / EN 60073 / EN 60529 / EN 60068-2-6 /

EN 60204.1 / EN ISO 7731 / EN 981 / IEC 536

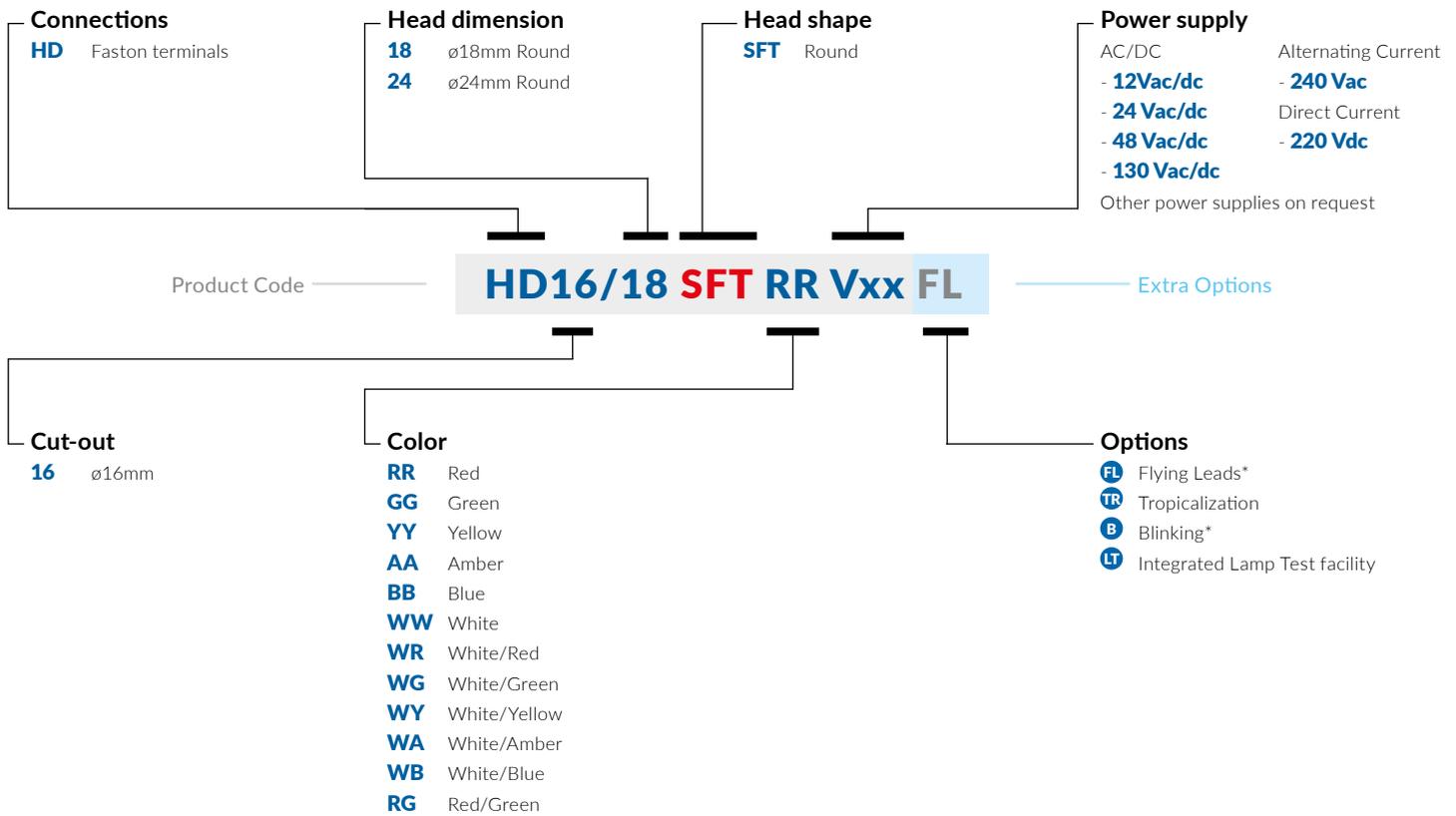
Customs tariff: **85389091**

DOMO reserves the right to change, amend, modify, suspend, continue or terminate all or any part of the Product range either in an individual case or in general, at any time without notice.



Series SFT - \varnothing 16mm

Coding





16/18
 Head Ø18mm
 Cut-out Ø16
 LED diffuser: Ø13,50mm
 Weight 8g



16/24
 Head Ø18mm
 Cut-out Ø16
 LED diffuser: Ø19mm
 Weight 10g



Colors	
LED diffuser	LED

Standard type

● Red	● Red	HD16/18 SFT RR Vxx	HD16/24 SFT RR Vxx
● Green	● Green	HD16/18 SFT GG Vxx	HD16/24 SFT GG Vxx
● Yellow	● Yellow	HD16/18 SFT YY Vxx	HD16/24 SFT YY Vxx
● Amber	● Amber	HD16/18 SFT AA Vxx	HD16/24 SFT AA Vxx
● Blue	● Blue	HD16/18 SFT BB Vxx	HD16/24 SFT BB Vxx
○ White	○ White	HD16/18 SFT WW Vxx	HD16/24 SFT WW Vxx
		FL TR LT	FL TR LT
○ White	● Red	HD16/18 SFT WR Vxx	HD16/24 SFT WR Vxx
○ White	● Green	HD16/18 SFT WG Vxx	HD16/24 SFT WG Vxx
○ White	● Yellow	HD16/18 SFT WY Vxx	HD16/24 SFT WY Vxx
○ White	● Amber	HD16/18 SFT WA Vxx	HD16/24 SFT WA Vxx
○ White	● Blue	HD16/18 SFT WB Vxx	HD16/24 SFT WB Vxx
		FL TR LT	FL TR LT

Bicolor LED

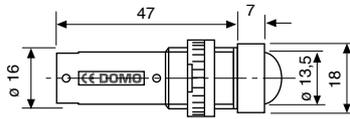
○ White	● Red/Green	HD16/18 SFT RG Vxx	HD16/24 SFT RG Vxx
		FL TR	FL TR

Series SFT - $\varnothing 16\text{mm}$

Dimensions and wiring

HD16/18 SFT

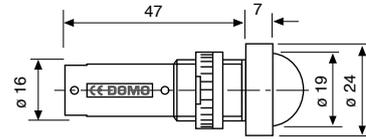
Dimensions mm 1:2



board thickness 10 mm
clamping: threaded nut

HD16/24 SFT

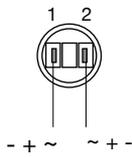
Dimensions mm 1:2



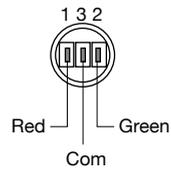
board thickness 10 mm
clamping: threaded nut

Faston terminals Tabs 2,8 x 0,8mm

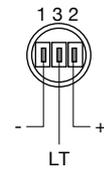
Monocolor



Bicolor



Monocolor + Lamp Test (LT)

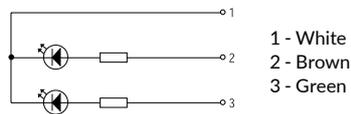


Flying Leads

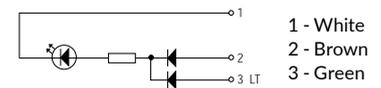
Monocolor

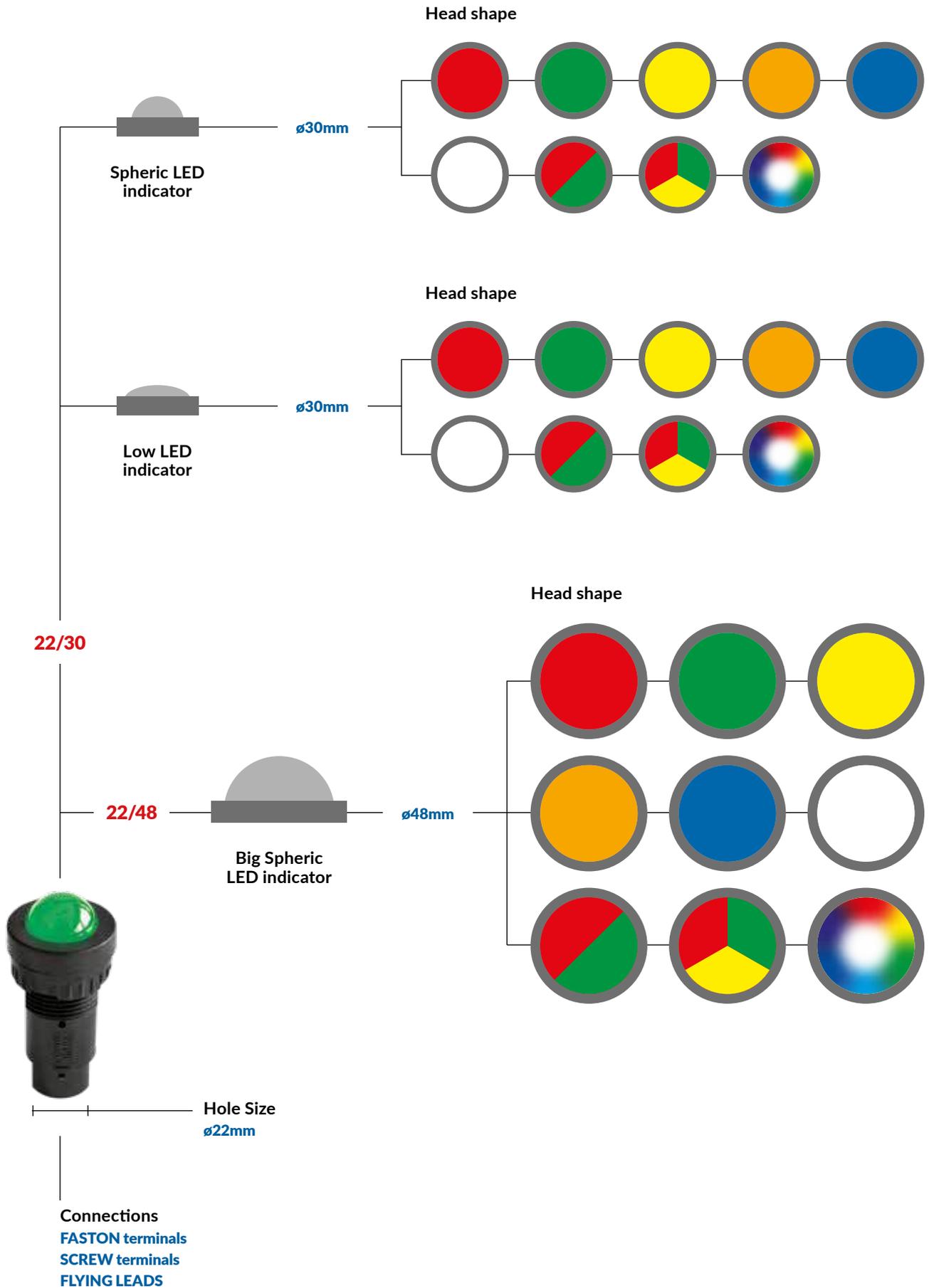


Bicolor



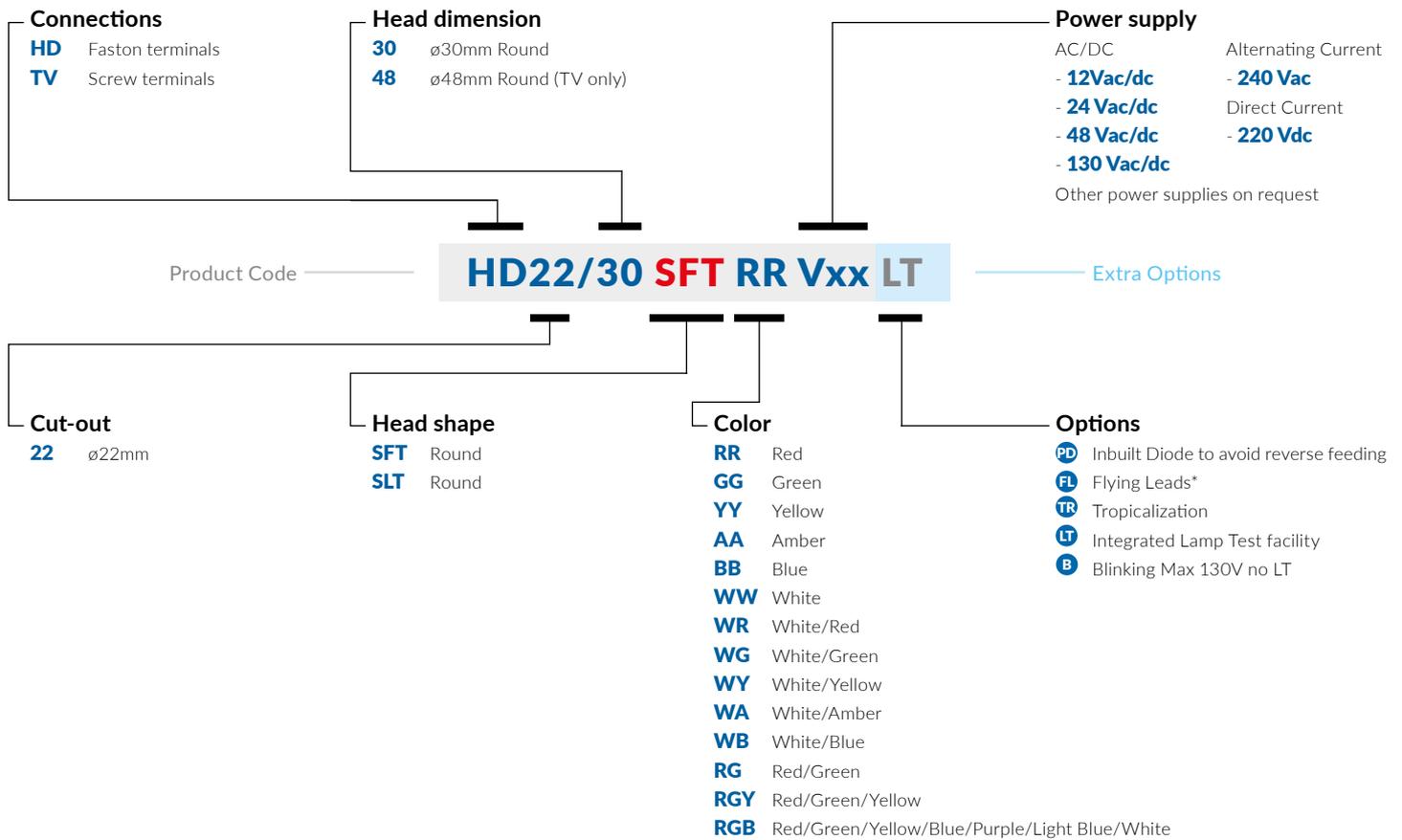
Monocolor + Lamp Test (LT)





Series SFT and SLT - \varnothing 22mm

Coding





SFT
Head Ø30mm
Cut-out Ø22
LED diffuser: Ø20mm
Weight 15g



SLT
Head Ø30mm
Cut-out Ø22
LED diffuser: Ø24mm
Weight 16g



Colors

LED diffuser	LED
--------------	-----

Standard type

● Red	● Red	HD22/30 SFT RR Vxx	HD22/30 SLT RR Vxx
● Green	● Green	HD22/30 SFT GG Vxx	HD22/30 SLT GG Vxx
● Yellow	● Yellow	HD22/30 SFT YY Vxx	HD22/30 SLT YY Vxx
● Amber	● Amber	HD22/30 SFT AA Vxx	HD22/30 SLT AA Vxx
● Blue	● Blue	HD22/30 SFT BB Vxx	HD22/30 SLT BB Vxx
○ White	○ White	HD22/30 SFT WW Vxx	HD22/30 SLT WW Vxx
		PD TR LT	PD TR LT
○ White	● Red	HD22/30 SFT WR Vxx	HD22/30 SLT WR Vxx
○ White	● Green	HD22/30 SFT WG Vxx	HD22/30 SLT WG Vxx
○ White	● Yellow	HD22/30 SFT WY Vxx	HD22/30 SLT WY Vxx
○ White	● Amber	HD22/30 SFT WA Vxx	HD22/30 SLT WA Vxx
○ White	● Blue	HD22/30 SFT WB Vxx	HD22/30 SLT WB Vxx
		PD TR LT	PD TR LT

Bicolor, Multicolor

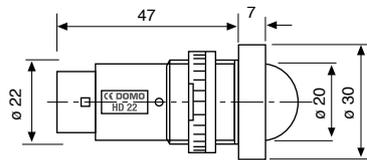
○ White	● Red/Green	HD22/30 SFT RG Vxx	HD22/30 SLT RG Vxx
○ White	● Red/Green/Yellow/ Blue/Purple/ Light Blue/White	HD22/30 SFT RGB Vxx	HD22/30 SLT RGB Vxx
		TR	TR

Series SFT and SLT - $\varnothing 22$ mm

Dimensions and wiring

HD22 SFT

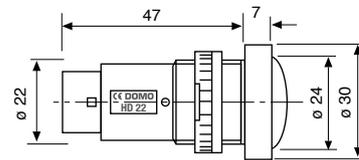
Dimensions mm 1:2



board thickness 10 mm
clamping: threaded nut

HD22 SLT

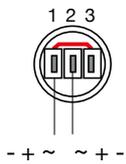
Dimensions mm 1:2



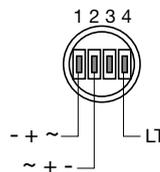
board thickness 10 mm
clamping: threaded nut

Faston terminals Tabs 2,8 x 0,8mm

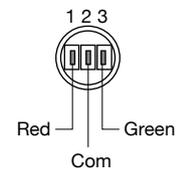
Monocolor



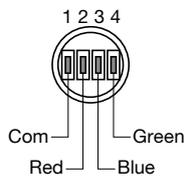
Monocolor + Lamp Test (LT)



Bicolor



Multicolor



● Red	=	● Red
● Green	=	● Green
● Blue	=	● Blue
● Red + ● Green	=	● Yellow
● Red + ● Blue	=	● Purple
● Green + ● Blue	=	● L. Blue
● Red + ● Green + ● Blue	=	○ White



SFT
Head Ø30mm
Cut-out Ø22
LED diffuser: Ø20mm
Weight 18g



SLT
Head Ø30mm
Cut-out Ø22
LED diffuser: Ø24mm
Weight 19g



Colors

LED diffuser | LED

Standard type

● Red	● Red	TV22/30 SFT RR Vxx	TV22/30 SLT RR Vxx
● Green	● Green	TV22/30 SFT GG Vxx	TV22/30 SLT GG Vxx
● Yellow	● Yellow	TV22/30 SFT YY Vxx	TV22/30 SLT YY Vxx
● Amber	● Amber	TV22/30 SFT AA Vxx	TV22/30 SLT AA Vxx
● Blue	● Blue	TV22/30 SFT BB Vxx	TV22/30 SLT BB Vxx
○ White	○ White	TV22/30 SFT WW Vxx	TV22/30 SLT WW Vxx
		PD FL TR LT B Max 130V no LT	PD FL TR LT B Max 130V no LT
○ White	● Red	TV22/30 SFT WR Vxx	TV22/30 SLT WR Vxx
○ White	● Green	TV22/30 SFT WG Vxx	TV22/30 SLT WG Vxx
○ White	● Yellow	TV22/30 SFT WY Vxx	TV22/30 SLT WY Vxx
○ White	● Amber	TV22/30 SFT WA Vxx	TV22/30 SLT WA Vxx
○ White	● Blue	TV22/30 SFT WB Vxx	TV22/30 SLT WB Vxx
		PD FL TR LT B Max 130V no LT	PD FL TR LT B Max 130V no LT

Bicolor, Tricolor and Multicolor

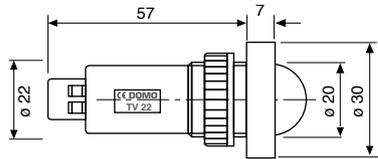
○ White	● Red/Green	TV22/30 SFT RG Vxx	TV22/30 SLT RG Vxx
○ White	● Red/Green/Yellow	TV22/30 SFT RGY Vxx	TV22/30 SLT RGY Vxx
○ White	● Red/Green/Yellow/ Blue/Purple/ Light Blue/White	TV22/30 SFT RGB Vxx	TV22/30 SLT RGB Vxx
		FL TR	FL TR

Series SFT and SLT - $\varnothing 22\text{mm}$

Dimensions and wiring

TV22/30 SFT

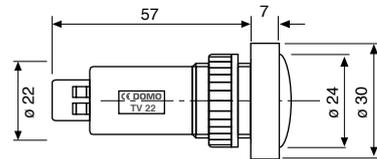
Dimensions mm 1:2



board thickness 10 mm
clamping: threaded nut

TV22/30 SLT

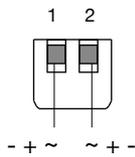
Dimensions mm 1:2



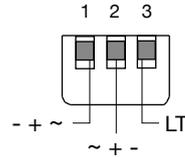
board thickness 10 mm
clamping: threaded nut

Screw terminal 14 AWG - 2,5mmq

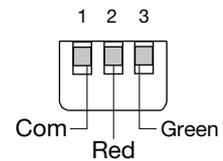
Monocolor



Monocolor + Lamp Test (LT)

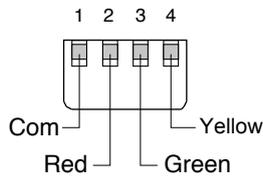


Bicolor

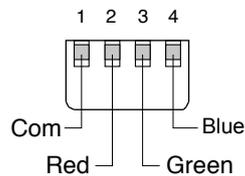


Screw terminal 16 AWG - 0,75 + 1,0mmq

Tricolor



Multicolor



Red	=	Red
Green	=	Green
Blue	=	Blue
Red + Green	=	Yellow
Red + Blue	=	Purple
Green + Blue	=	L. Blue
Red + Green + Blue	=	White

Flying Leads

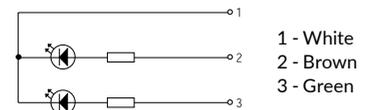
Monocolor



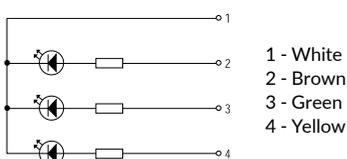
Monocolor + Lamp Test (LT)



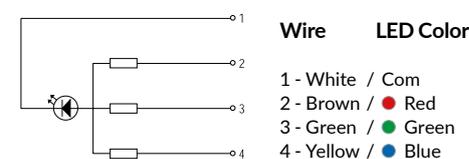
Bicolor



Tricolor



Multicolor



Wire LED Color

1 - White / Com
2 - Brown / Red
3 - Green / Green
4 - Yellow / Blue

Brown	=	Red
Green	=	Green
Yellow	=	Blue
Brown + Green	=	Yellow
Brown + Yellow	=	Purple
Yellow + Green	=	L. Blue
Brown + Green + Yellow	=	White



SFT
 Head Ø48mm
 Cut-out Ø22
 LED diffuser: Ø39mm
 Weight 32g



Colors	
LED diffuser	LED

Standard type

● Red	● Red	TV22/48 SFT RR Vxx
● Green	● Green	TV22/48 SFT GG Vxx
● Yellow	● Yellow	TV22/48 SFT YY Vxx
● Amber	● Amber	TV22/48 SFT AA Vxx
● Blue	● Blue	TV22/48 SFT BB Vxx
○ White	○ White	TV22/48 SFT WW Vxx

PD FL TR LT B Max 130V no LT No 12V

○ White	● Red	TV22/48 SFT WR Vxx
○ White	● Green	TV22/48 SFT WG Vxx
○ White	● Yellow	TV22/48 SFT WY Vxx
○ White	● Amber	TV22/48 SFT WA Vxx
○ White	● Blue	TV22/48 SFT WB Vxx

PD FL TR LT B Max 130V no LT No 12V

Bicolor, Tricolor and Multicolor

○ White	● Red/Green	TV22/48 SFT RG Vxx
○ White	● Red/Green/Yellow	TV22/48 SFT RGY Vxx
○ White	● Red/Green/Yellow/ Blue/Purple/ Light Blue/White	TV22/48 SFT RGB Vxx

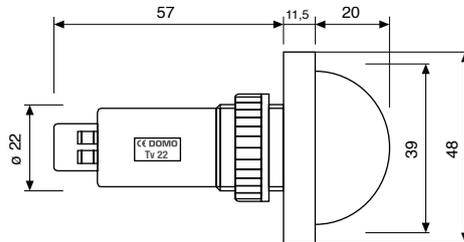
FL TR No 12V

Series SFT and SLT - $\varnothing 22\text{mm}$

Dimensions and wiring

TV22/30 SFT

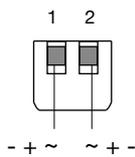
Dimensions mm 1:2



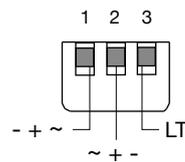
board thickness 10 mm
clamping: threaded nut

Screw terminal 14 AWG - 2,5mmq

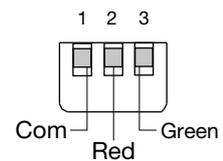
Monocolor



Monocolor + Lamp Test (LT)

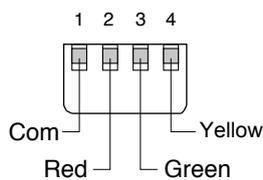


Bicolor

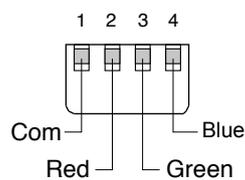


Screw terminal 16 AWG - 0,75 ÷ 1,0mmq

Tricolor



Multicolor



● Red	=	● Red
● Green	=	● Green
● Blue	=	● Blue
● Red + ● Green	=	● Yellow
● Red + ● Blue	=	● Purple
● Green + ● Blue	=	● L. Blue
● Red + ● Green + ● Blue	=	○ White

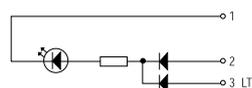
Flying Leads

Monocolor



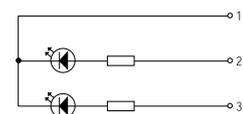
1 - White
2 - Brown

Monocolor + Lamp Test (LT)



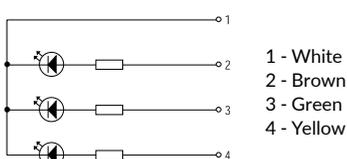
1 - White
2 - Brown
3 - Green

Bicolor



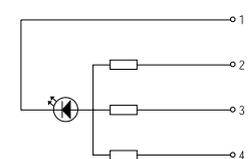
1 - White
2 - Brown
3 - Green

Tricolor



1 - White
2 - Brown
3 - Green
4 - Yellow

Multicolor



Wire LED Color
1 - White / Com
2 - Brown / ● Red
3 - Green / ● Green
4 - Yellow / ● Blue

Brown	=	● Red
Green	=	● Green
Yellow	=	● Blue
Brown + Green	=	● Yellow
Brown + Yellow	=	● Purple
Yellow + Green	=	● L. Blue
Brown + Green + Yellow	=	○ White



LED Indicators

Semaphore

Series CR

Position

Series PI

Series CR and PI

Technical features

Body material: **Polycarbonate (PC) V0/UL 94**
 Body colour: **Black**
 Protection degree: **IP54**
 Working temperature: **20°C +60°C**
 Operating life at AT 25°C: **> 100.000 h**
Not replaceable LEDs



Supply voltage +/- 10%

Power	Consumption	Current
24 Vac/dc	15-20mA	AC/DC
48 Vac/dc	15-20mA	AC/DC
130 = 110-130 Vac/dc	15-20mA	AC/DC
240 Vac	15mA	Alternating Current
220 Vdc	9mA	Direct Current

Other power supplies on request



Available with integrated Lamp Test circuit (LT), to test all signals at once.



Integrated Rectifier Bridge to work in Alternating Current (AC) or Direct Current (DC), automatically.



Available with Inbuilt Diode (PD) to avoid reverse feeding. Also is possible choose the Positive Common, Negative Common or Not Polarized options.



Easy to connect thanks to the Faston terminals 2.8mm x 0.8mm, Screw terminals or Flying Leads.



B type solution with low-profile Flush Mounting, to limit the external dimensions and improve the design of the panel.

Compliance:

Directive 2006/95/EC Low Voltage

Directive 2004/108/EC Electromagnetic Compatibility

Directive 2011/65/EC RhOS

Directive 2006/42/EC Machinery

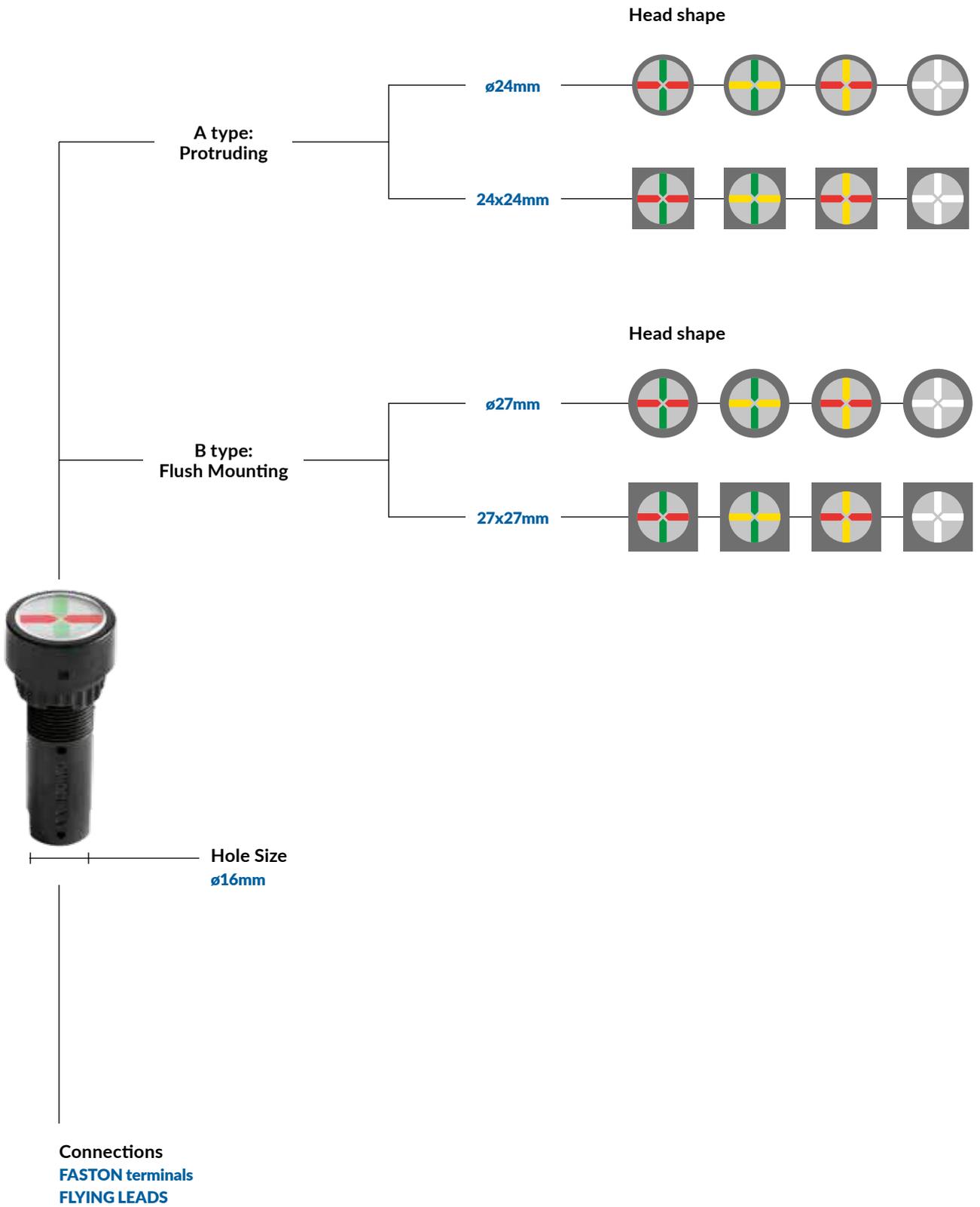
Conformity to standards:

EN 60947.5.1 / EN 60073 / EN 60529 / EN 60068-2-6 /

EN 60204.1 / EN ISO 7731 / EN 981 / IEC 536

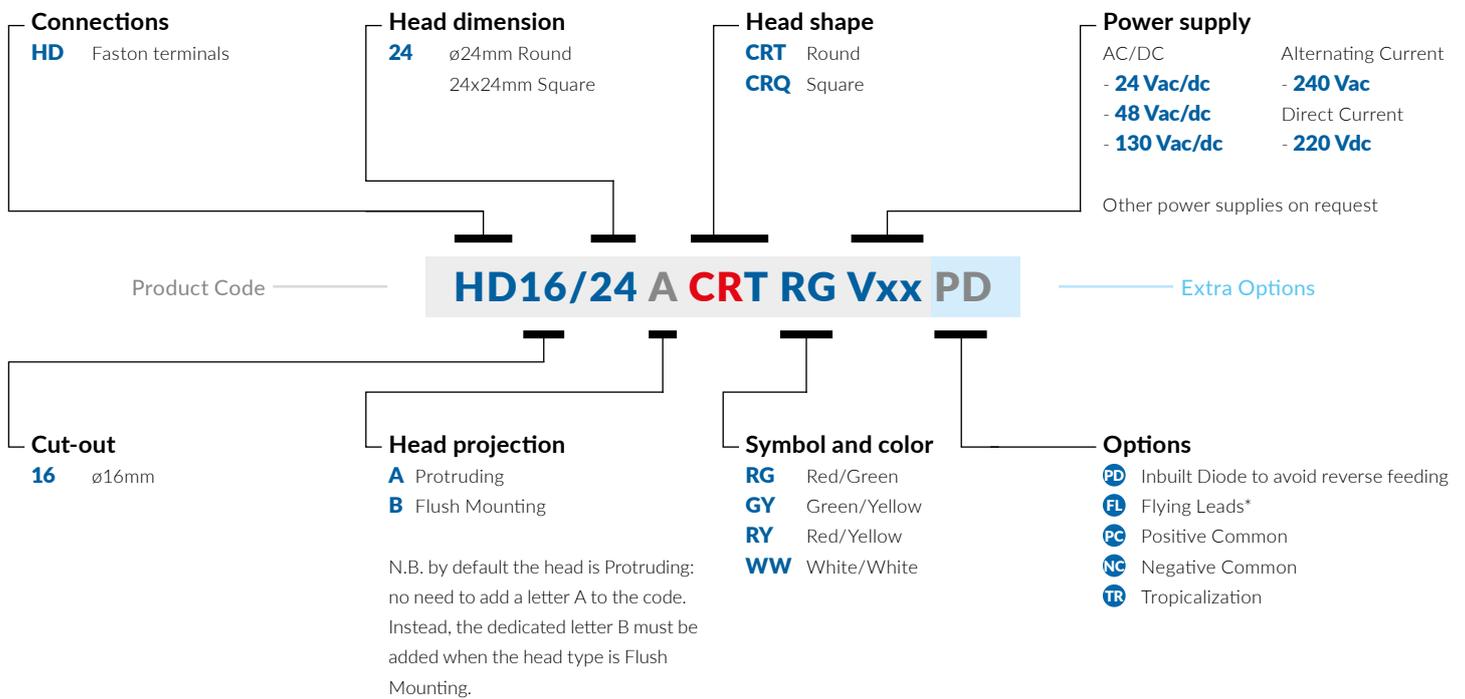
DOMO reserves the right to change, amend, modify, suspend, continue or terminate all or any part of the Product range either in an individual case or in general, at any time without notice.

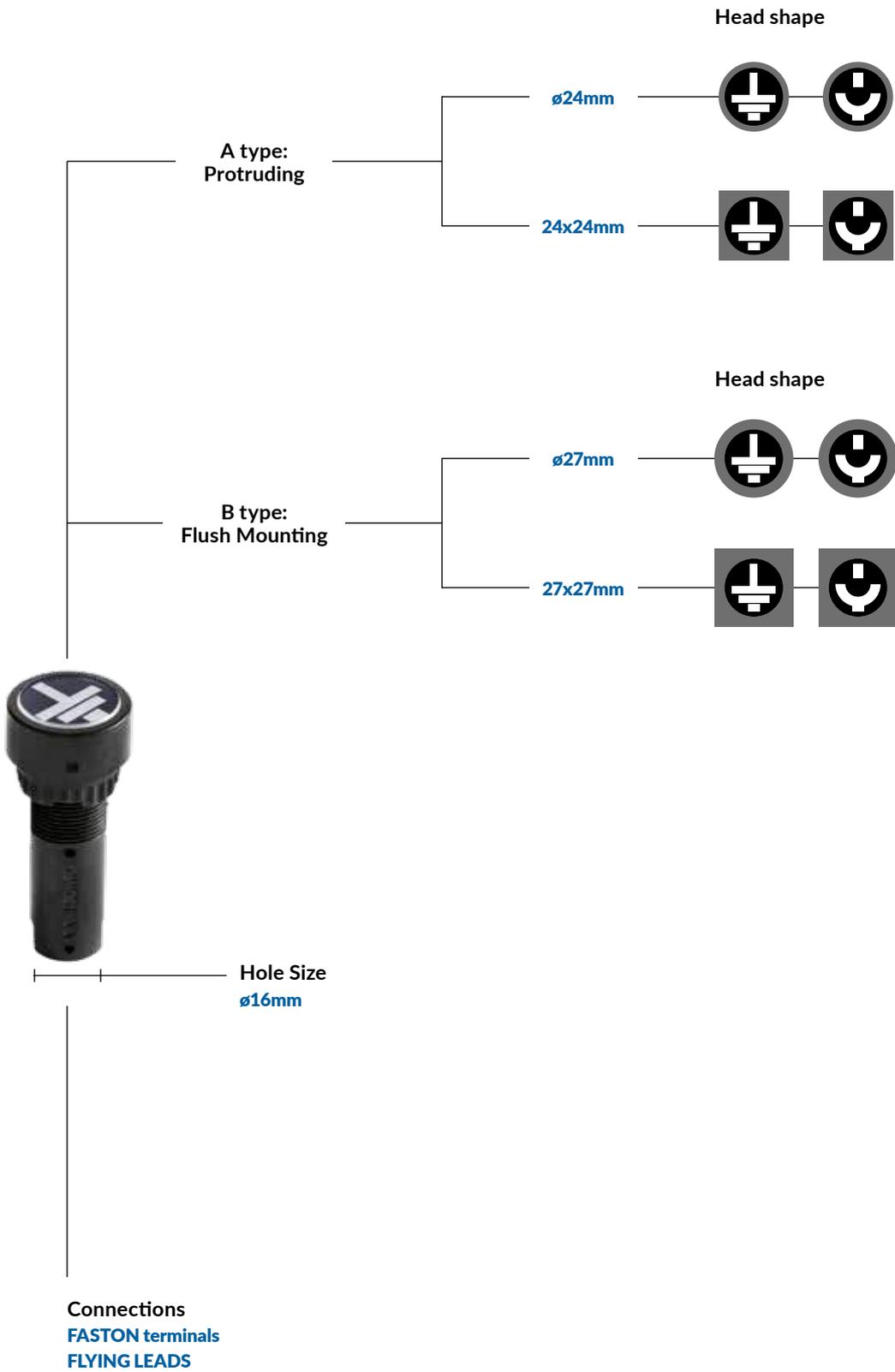
Customs tariff: **85389091**



Series CR - \varnothing 16mm

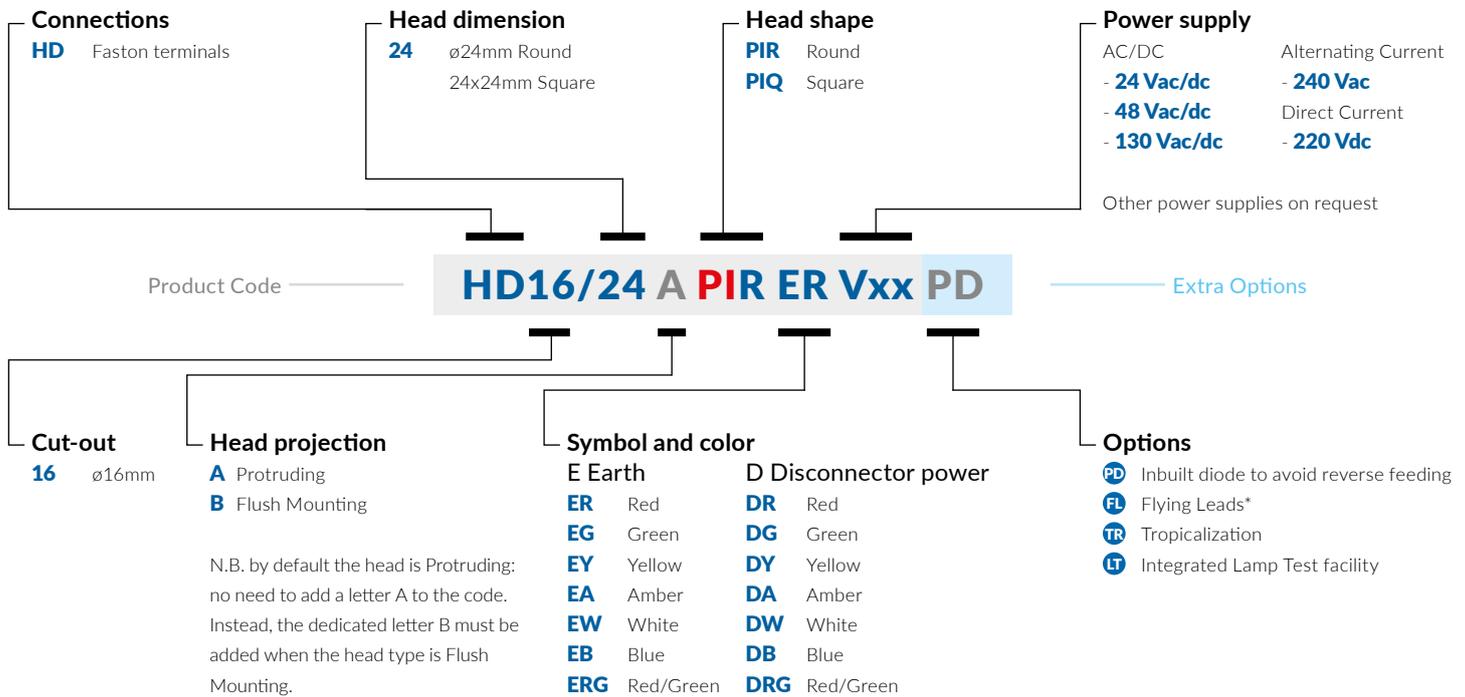
Coding





Series PI - \varnothing 16mm

Coding





A type
Protruding
Head Ø24mm
Cut-out Ø16mm
Weight 13g



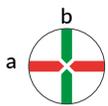
B type
Flush Mounting
Head Ø27mm
Cut-out Ø24mm
Weight 16g



A type
Protruding
Head 24x24mm
Cut-out Ø16mm
Weight 13g



B type
Flush Mounting
Head 27x27mm
Cut-out 24x24mm
Weight 16g



a Red
b Green

HD16/24 CRT RG Vxx

PD FL PC NC TR

HD16/24B CRT RG Vxx

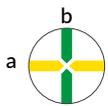
PD FL PC NC TR

HD16/24 CRQ RG Vxx

PD FL PC NC TR

HD16/24B CRQ RG Vxx

PD FL PC NC TR



a Yellow
b Green

HD16/24 CRT GY Vxx

PD FL PC NC TR

HD16/24B CRT GY Vxx

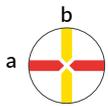
PD FL PC NC TR

HD16/24 CRQ GY Vxx

PD FL PC NC TR

HD16/24B CRQ GY Vxx

PD FL PC NC TR



a Red
b Yellow

HD16/24 CRT RG Vxx

PD FL PC NC TR

HD16/24B CRT RG Vxx

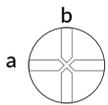
PD FL PC NC TR

HD16/24 CRQ RG Vxx

PD FL PC NC TR

HD16/24B CRQ RG Vxx

PD FL PC NC TR



a White
b White

HD16/24 CRT WW Vxx

PD FL PC NC TR

HD16/24B CRT WW Vxx

PD FL PC NC TR

HD16/24 CRQ WW Vxx

PD FL PC NC TR

HD16/24B CRQ WW Vxx

PD FL PC NC TR



● Red

HD16/24 PIR ER Vxx

HD16/24B PIR ER Vxx

HD16/24 PIQ ER Vxx

HD16/24B PIQ ER Vxx

● Green

HD16/24 PIR EG Vxx

HD16/24B PIR EG Vxx

HD16/24 PIQ EG Vxx

HD16/24B PIQ EG Vxx

● Yellow

HD16/24 PIR EY Vxx

HD16/24B PIR EY Vxx

HD16/24 PIQ EY Vxx

HD16/24B PIQ EY Vxx

● Amber

HD16/24 PIR EA Vxx

HD16/24B PIR EA Vxx

HD16/24 PIQ EA Vxx

HD16/24B PIQ EA Vxx

● Blue

HD16/24 PIR EB Vxx

HD16/24B PIR EB Vxx

HD16/24 PIQ EB Vxx

HD16/24B PIQ EB Vxx

○ White

HD16/24 PIR EW Vxx

HD16/24B PIR EW Vxx

HD16/24 PIQ EW Vxx

HD16/24B PIQ EW Vxx

PD FL TR LT

PD FL TR LT

PD FL TR LT

PD FL TR LT

● Red/Green

HD16/24 PIR ERG Vxx

PD FL TR

HD16/24B PIR ERG Vxx

PD FL TR

HD16/24 PIQ ERG Vxx

PD FL TR

HD16/24B PIQ ERG Vxx

PD FL TR



● Red

HD16/24 PIR DR Vxx

HD16/24B PIR DR Vxx

HD16/24 PIQ DR Vxx

HD16/24B PIQ DR Vxx

● Green

HD16/24 PIR DG Vxx

HD16/24B PIR DG Vxx

HD16/24 PIQ DG Vxx

HD16/24B PIQ DG Vxx

● Yellow

HD16/24 PIR DY Vxx

HD16/24B PIR DY Vxx

HD16/24 PIQ DY Vxx

HD16/24B PIQ DY Vxx

● Amber

HD16/24 PIR DA Vxx

HD16/24B PIR DA Vxx

HD16/24 PIQ DA Vxx

HD16/24B PIQ DA Vxx

● Blue

HD16/24 PIR DB Vxx

HD16/24B PIR DB Vxx

HD16/24 PIQ DB Vxx

HD16/24B PIQ DB Vxx

○ White

HD16/24 PIR DW Vxx

HD16/24B PIR DW Vxx

HD16/24 PIQ DW Vxx

HD16/24B PIQ DW Vxx

PD FL TR LT

PD FL TR LT

PD FL TR LT

PD FL TR LT

● Red/Green

HD16/24 PIR DRG Vxx

PD FL TR

HD16/24B PIR DRG Vxx

PD FL TR

HD16/24 PIQ DRG Vxx

PD FL TR

HD16/24B PIQ DRG Vxx

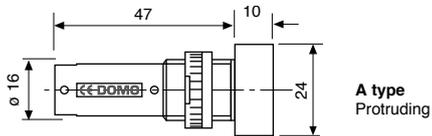
PD FL TR

Series CR and PI - $\varnothing 16\text{mm}$

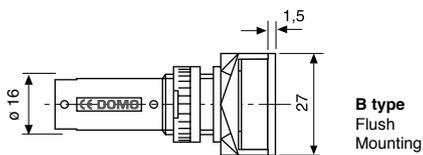
Dimensions and wiring

HD16/24 CR - Semaphore

Dimensions mm 1:2



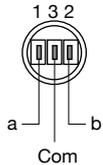
board thickness 10 mm
clamping: threaded nut



board thickness 1 mm
clamping: threaded nut

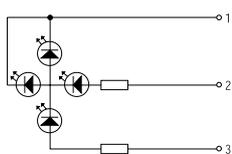
Faston terminals Tabs 2,8 x 0,8mm

Bicolor



Flying Leads

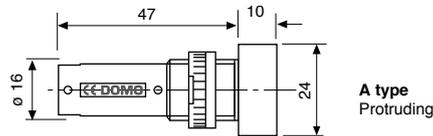
Bicolor



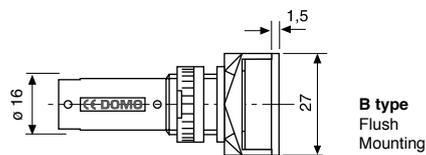
1 - White
2 - Brown
3 - Green

HD16/24 PI - Position

Dimensions mm 1:2



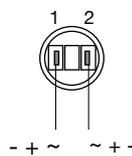
board thickness 10 mm
clamping: threaded nut



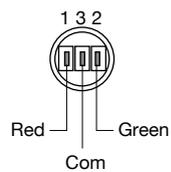
board thickness 1 mm
clamping: threaded nut

Faston terminals Tabs 2,8 x 0,8mm

Monocolor

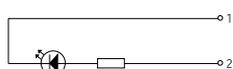


Bicolor



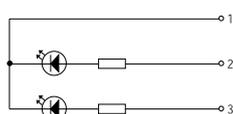
Flying Leads

Monocolor



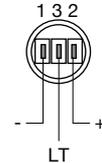
1 - White
2 - Brown

Bicolor

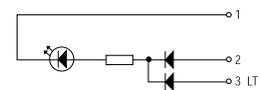


1 - White
2 - Brown
3 - Green

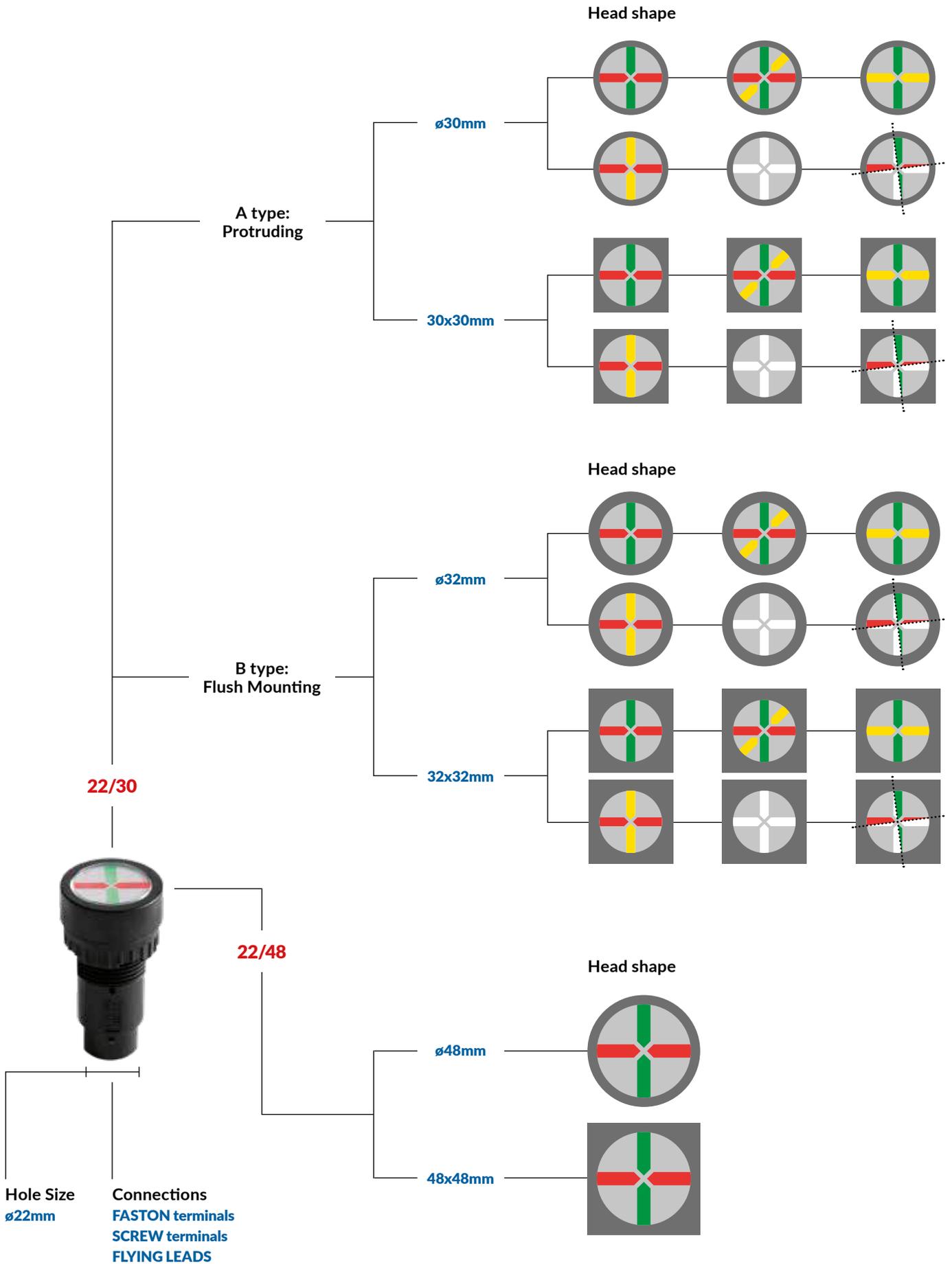
Monocolor + Lamp Test (LT)



Monocolor + Lamp Test (LT)

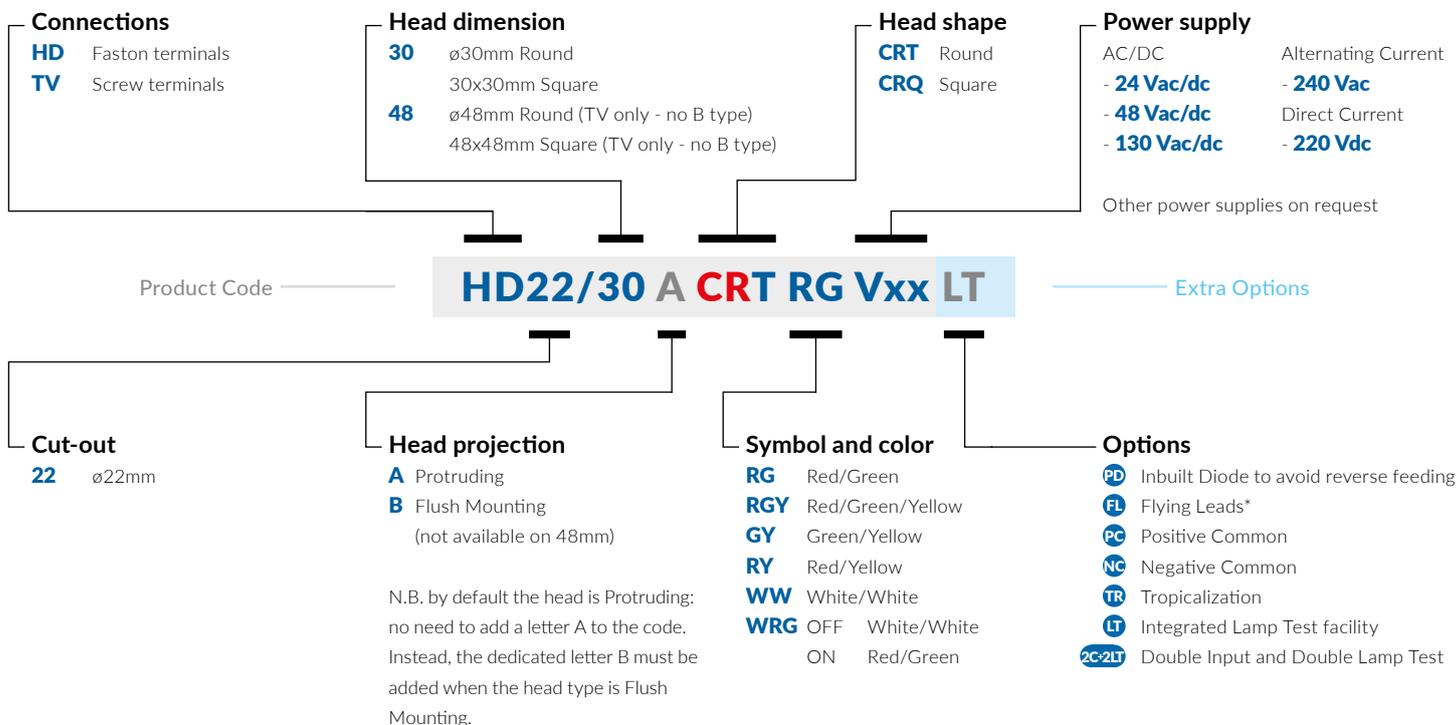


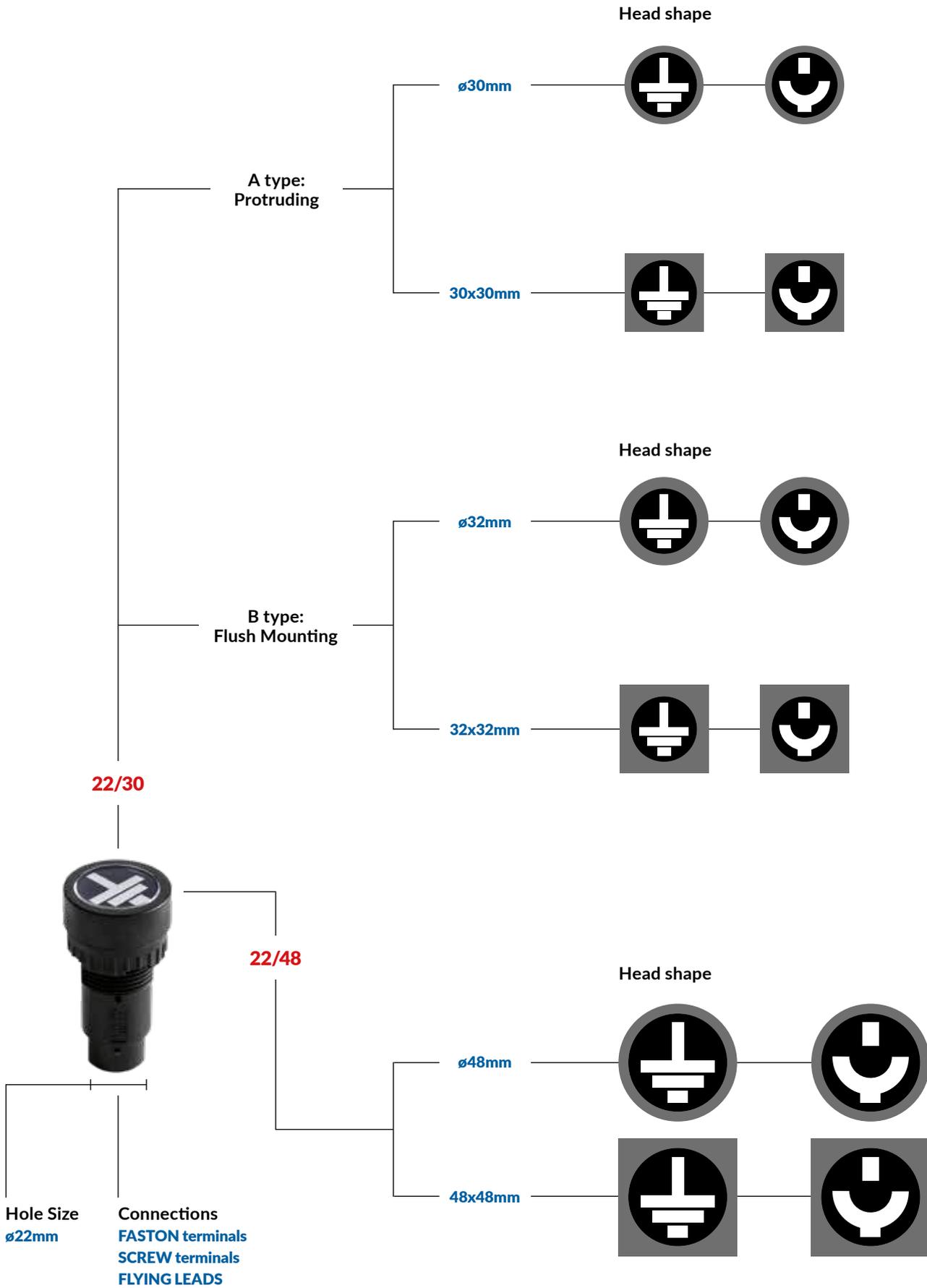
1 - White
2 - Brown
3 - Green



Series CR - ø22mm

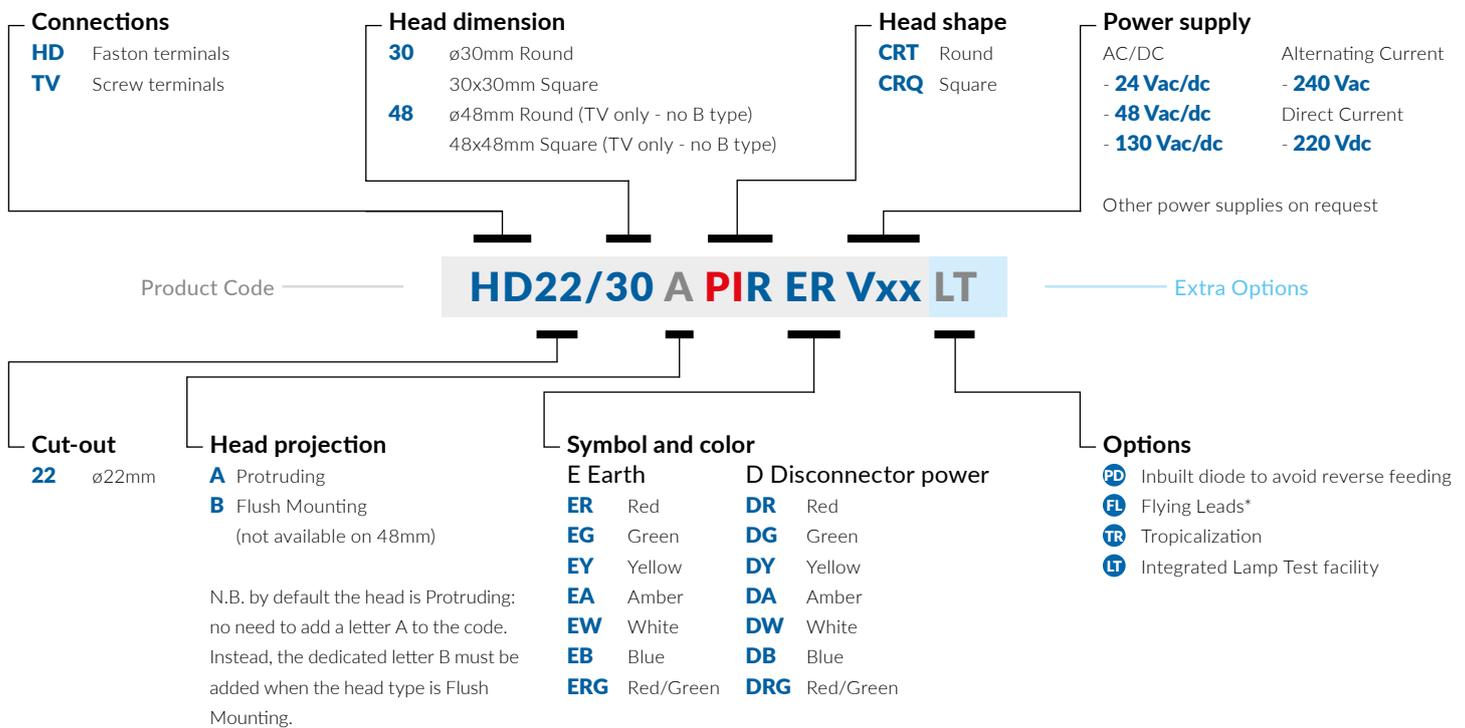
Coding





Series PI - ø22mm

Coding



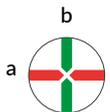


A type
 Protruding
 Head Ø30mm
 Cut-out Ø22mm
 Weight 18g

B type
 Flush Mounting
 Head Ø32mm
 Cut-out Ø30mm
 Weight 21g

A type
 Protruding
 Head 30x30mm
 Cut-out Ø22mm
 Weight 19g

B type
 Flush Mounting
 Head 32x32mm
 Cut-out 30x30mm
 Weight 22g



a Red
 b Green

HD22/30 CRT RG Vxx

PD PC NC TR LT 2C-2LT

HD22/30B CRT RG Vxx

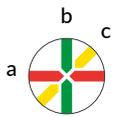
PD PC NC TR LT 2C-2LT

HD22/30 CRQ RG Vxx

PD PC NC TR LT 2C-2LT

HD22/30B CRQ RG Vxx

PD PC NC TR LT 2C-2LT



a Red
 b Green
 c Yellow

HD22/30 CRT RGY Vxx

PD PC NC TR LT

HD22/30B CRT RGY Vxx

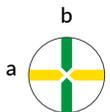
PD PC NC TR LT

HD22/30 CRQ RGY Vxx

PD PC NC TR LT

HD22/30B CRQ RGY Vxx

PD PC NC TR LT



a Yellow
 b Green

HD22/30 CRT GY Vxx

PD PC NC TR LT 2C-2LT

HD22/30B CRT GY Vxx

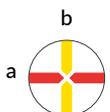
PD PC NC TR LT 2C-2LT

HD22/30 CRQ GY Vxx

PD PC NC TR LT 2C-2LT

HD22/30B CRQ GY Vxx

PD PC NC TR LT 2C-2LT



a Red
 b Yellow

HD22/30 CRT RY Vxx

PD PC NC TR LT 2C-2LT

HD22/30B CRT RY Vxx

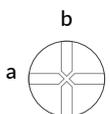
PD PC NC TR LT 2C-2LT

HD22/30 CRQ RY Vxx

PD PC NC TR LT 2C-2LT

HD22/30B CRQ RY Vxx

PD PC NC TR LT 2C-2LT



a White
 b White

HD22/30 CRT WW Vxx

PD PC NC TR LT 2C-2LT

HD22/30B CRT WW Vxx

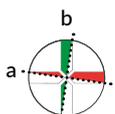
PD PC NC TR LT 2C-2LT

HD22/30 CRQ WW Vxx

PD PC NC TR LT 2C-2LT

HD22/30B CRQ WW Vxx

PD PC NC TR LT 2C-2LT



a White/Red
 b White/Green

HD22/30 CRT WRG Vxx

PD PC NC TR LT 2C-2LT

HD22/30B CRT WRG Vxx

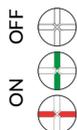
PD PC NC TR LT 2C-2LT

HD22/30 CRQ WRG Vxx

PD PC NC TR LT 2C-2LT

HD22/30B CRQ WRG Vxx

PD PC NC TR LT 2C-2LT



Series PI - $\varnothing 22\text{mm}$

Product range

A type
Protruding
Head $\varnothing 30\text{mm}$
Cut-out $\varnothing 22\text{mm}$
Weight 16g



B type
Flush Mounting
Head $\varnothing 32\text{mm}$
Cut-out $\varnothing 30\text{mm}$
Weight 20g



A type
Protruding
Head $30 \times 30\text{mm}$
Cut-out $\varnothing 22\text{mm}$
Weight 18g



B type
Flush Mounting
Head $32 \times 32\text{mm}$
Cut-out $30 \times 30\text{mm}$
Weight 21g



● Red	HD22/30 PIR ER Vxx	HD22/30B PIR ER Vxx	HD22/30 PIQ ER Vxx	HD22/30B PIQ ER Vxx
● Green	HD22/30 PIR EG Vxx	HD22/30B PIR EG Vxx	HD22/30 PIQ EG Vxx	HD22/30B PIQ EG Vxx
● Yellow	HD22/30 PIR EY Vxx	HD22/30B PIR EY Vxx	HD22/30 PIQ EY Vxx	HD22/30B PIQ EY Vxx
● Amber	HD22/30 PIR EA Vxx	HD22/30B PIR EA Vxx	HD22/30 PIQ EA Vxx	HD22/30B PIQ EA Vxx
● Blue	HD22/30 PIR EB Vxx	HD22/30B PIR EB Vxx	HD22/30 PIQ EB Vxx	HD22/30B PIQ EB Vxx
○ White	HD22/30 PIR EW Vxx	HD22/30B PIR EW Vxx	HD22/30 PIQ EW Vxx	HD22/30B PIQ EW Vxx
	PD TR LT	PD TR LT	PD TR LT	PD TR LT

● Red/Green	HD22/30 PIR ERG Vxx	HD22/30B PIR ERG Vxx	HD22/30 PIQ ERG Vxx	HD22/30B PIQ ERG Vxx
	PD TR	PD TR	PD TR	PD TR



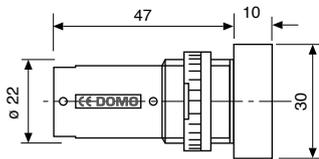
● Red	HD22/30 PIR DR Vxx	HD22/30B PIR DR Vxx	HD22/30 PIQ DR Vxx	HD22/30B PIQ DR Vxx
● Green	HD22/30 PIR DG Vxx	HD22/30B PIR DG Vxx	HD22/30 PIQ DG Vxx	HD22/30B PIQ DG Vxx
● Yellow	HD22/30 PIR DY Vxx	HD22/30B PIR DY Vxx	HD22/30 PIQ DY Vxx	HD22/30B PIQ DY Vxx
● Amber	HD22/30 PIR DA Vxx	HD22/30B PIR DA Vxx	HD22/30 PIQ DA Vxx	HD22/30B PIQ DA Vxx
● Blue	HD22/30 PIR DB Vxx	HD22/30B PIR DB Vxx	HD22/30 PIQ DB Vxx	HD22/30B PIQ DB Vxx
○ White	HD22/30 PIR DW Vxx	HD22/30B PIR DW Vxx	HD22/30 PIQ DW Vxx	HD22/30B PIQ DW Vxx
	PD TR LT	PD TR LT	PD TR LT	PD TR LT

● Red/Green	HD22/30 PIR DRG Vxx	HD22/30B PIR DRG Vxx	HD22/30 PIQ DRG Vxx	HD22/30B PIQ DRG Vxx
	PD TR	PD TR	PD TR	PD TR



HD22/30 CR

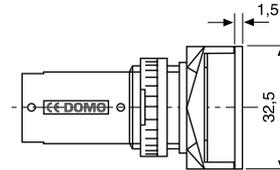
Dimensions mm 1:2



A type
Protruding

board thickness 10 mm
clamping: threaded nut

Dimensions mm 1:2

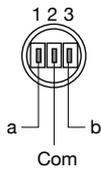


B type
Flush
Mounting

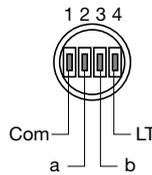
board thickness 1 mm
clamping: threaded nut

Faston terminals Tabs 2,8 x 0,8mm

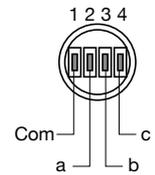
Bicolor



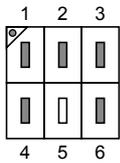
Bicolor + Lamp Test (LT)



Tricolor

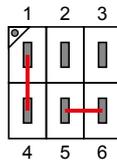


Tricolor + Lamp Test (LT)



- 1 - Com
- 2 - Red
- 3 - Green
- 4 - Yellow
- 5
- 6 - LT

Double Input (2C) + Double Lamp Test (2LT)



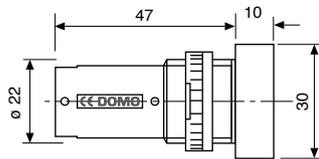
- 1 - Com
- 2 - Red
- 3 - Green
- 4 - Com
- 5 - LT
- 6 - LT

Series PI - $\varnothing 22\text{mm}$

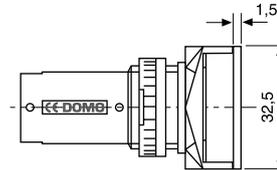
Dimensions and wiring

HD22/30 PI

Dimensions mm 1:2

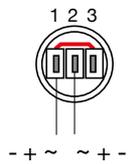
**A type**
Protrudingboard thickness 10 mm
clamping: threaded nut

Dimensions mm 1:2

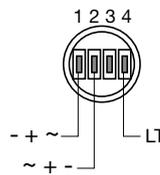
**B type**
Flush
Mountingboard thickness 1 mm
clamping: threaded nut

Faston terminals Tabs 2,8 x 0,8mm

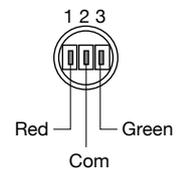
Monocolor



Monocolor + Lamp Test (LT)



Bicolor



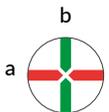


A type
 Protruding
 Head Ø30mm
 Cut-out Ø22mm
 Weight 21g

B type
 Flush Mounting
 Head Ø32mm
 Cut-out Ø30mm
 Weight 25g

A type
 Protruding
 Head 30x30mm
 Cut-out Ø22mm
 Weight 22g

B type
 Flush Mounting
 Head 32x32mm
 Cut-out 30x30mm
 Weight 26g



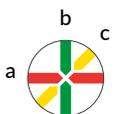
a Red
 b Green

TV22/30 CRT RG Vxx
 PD FL PC NC TR LT 2C-2LT

TV22/30B CRT RG Vxx
 PD FL PC NC TR LT 2C-2LT

TV22/30 CRQ RG Vxx
 PD FL PC NC TR LT 2C-2LT

TV22/30B CRQ RG Vxx
 PD FL PC NC TR LT 2C-2LT



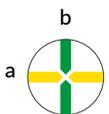
a Red
 b Green
 c Yellow

TV22/30 CRT RGY Vxx
 PD FL PD PC NC TR LT

TV22/30B CRT RGY Vxx
 PD FL PC NC TR LT

TV22/30 CRQ RGY Vxx
 PD FL PC NC TR LT

TV22/30B CRQ RGY Vxx
 PD FL PC NC TR LT



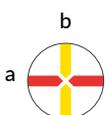
a Yellow
 b Green

TV22/30 CRT GY Vxx
 PD FL PC NC TR LT 2C-2LT

TV22/30B CRT GY Vxx
 PD FL PC NC TR LT 2C-2LT

TV22/30 CRQ GY Vxx
 PD FL PC NC TR LT 2C-2LT

TV22/30B CRQ GY Vxx
 PD FL PC NC TR LT 2C-2LT



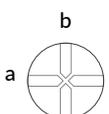
a Red
 b Yellow

TV22/30 CRT RY Vxx
 PD FL PC NC TR LT 2C-2LT

TV22/30B CRT RY Vxx
 PD FL PC NC TR LT 2C-2LT

TV22/30 CRQ RY Vxx
 PD FL PC NC TR LT 2C-2LT

TV22/30B CRQ RY Vxx
 PD FL PC NC TR LT 2C-2LT



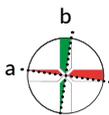
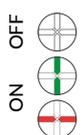
a White
 b White

TV22/30 CRT WW Vxx
 PD FL PC NC TR LT 2C-2LT

TV22/30B CRT WW Vxx
 PD FL PC NC TR LT 2C-2LT

TV22/30 CRQ WW Vxx
 PD FL PC NC TR LT 2C-2LT

TV22/30B CRQ WW Vxx
 PD FL PC NC TR LT 2C-2LT



a White/Red
 b White/Green

TV22/30 CRT WRG Vxx
 PD FL PC NC TR LT 2C-2LT

TV22/30B CRT WRG Vxx
 PD FL PC NC TR LT 2C-2LT

TV22/30 CRQ WRG Vxx
 PD FL PC NC TR LT 2C-2LT

TV22/30B CRQ WRG Vxx
 PD FL PC NC TR LT 2C-2LT

Series PI - Ø22mm

Product range

A type
Protruding
Head Ø30mm
Cut-out Ø22mm
Weight 19g



B type
Flush Mounting
Head Ø32mm
Cut-out Ø30mm
Weight 24g



A type
Protruding
Head 30x30mm
Cut-out Ø22mm
Weight 21g



B type
Flush Mounting
Head 32x32mm
Cut-out 30x30mm
Weight 25g



● Red	TV22/30 PIR ER Vxx	TV22/30B PIR ER Vxx	TV22/30 PIQ ER Vxx	TV22/30B PIQ ER Vxx
● Green	TV22/30 PIR EG Vxx	TV22/30B PIR EG Vxx	TV22/30 PIQ EG Vxx	TV22/30B PIQ EG Vxx
● Yellow	TV22/30 PIR EY Vxx	TV22/30B PIR EY Vxx	TV22/30 PIQ EY Vxx	TV22/30B PIQ EY Vxx
● Amber	TV22/30 PIR EA Vxx	TV22/30B PIR EA Vxx	TV22/30 PIQ EA Vxx	TV22/30B PIQ EA Vxx
● Blue	TV22/30 PIR EB Vxx	TV22/30B PIR EB Vxx	TV22/30 PIQ EB Vxx	TV22/30B PIQ EB Vxx
○ White	TV22/30 PIR EW Vxx	TV22/30B PIR EW Vxx	TV22/30 PIQ EW Vxx	TV22/30B PIQ EW Vxx
	PD FL TR LT	PD FL TR LT	PD FL TR LT	PD FL TR LT

● Red/Green	TV22/30 PIR ERG Vxx	TV22/30B PIR ERG Vxx	TV22/30 PIQ ERG Vxx	TV22/30B PIQ ERG Vxx
	PD FL TR	PD FL TR	PD FL TR	PD FL TR



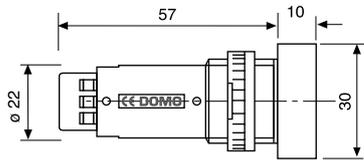
● Red	TV22/30 PIR DR Vxx	TV22/30B PIR DR Vxx	TV22/30 PIQ DR Vxx	TV22/30B PIQ DR Vxx
● Green	TV22/30 PIR DG Vxx	TV22/30B PIR DG Vxx	TV22/30 PIQ DG Vxx	TV22/30B PIQ DG Vxx
● Yellow	TV22/30 PIR DY Vxx	TV22/30B PIR DY Vxx	TV22/30 PIQ DY Vxx	TV22/30B PIQ DY Vxx
● Amber	TV22/30 PIR DA Vxx	TV22/30B PIR DA Vxx	TV22/30 PIQ DA Vxx	TV22/30B PIQ DA Vxx
● Blue	TV22/30 PIR DB Vxx	TV22/30B PIR DB Vxx	TV22/30 PIQ DB Vxx	TV22/30B PIQ DB Vxx
○ White	TV22/30 PIR DW Vxx	TV22/30B PIR DW Vxx	TV22/30 PIQ DW Vxx	TV22/30B PIQ DW Vxx
	PD FL TR LT	PD FL TR LT	PD FL TR LT	PD FL TR LT

● Red/Green	TV22/30 PIR DRG Vxx	TV22/30B PIR DRG Vxx	TV22/30 PIQ DRG Vxx	TV22/30B PIQ DRG Vxx
	PD FL TR	PD FL TR	PD FL TR	PD FL TR



TV22/30 CR

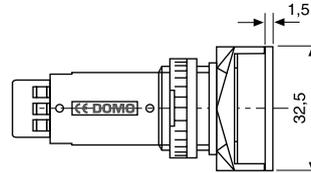
Dimensions mm 1:2



A type
Protruding

board thickness 10 mm
clamping: threaded nut

Dimensions mm 1:2

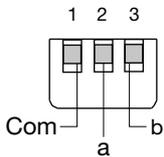


B type
Flush
Mounting

board thickness 1 mm
clamping: threaded nut

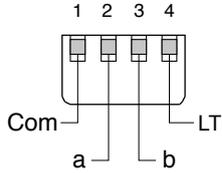
Screw terminal 14 AWG - 2,5mmq

Bicolor

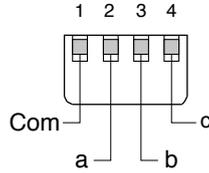


Screw terminal 16 AWG - 0,75 ÷ 1,0mmq

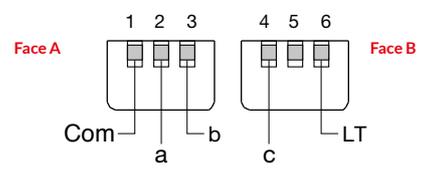
Bicolor + Lamp Test (LT)



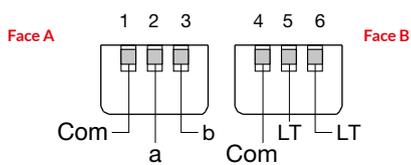
Tricolor



Tricolor + Lamp Test (LT)

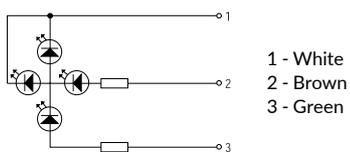


Double Input (2C) + Double Lamp Test (2LT)

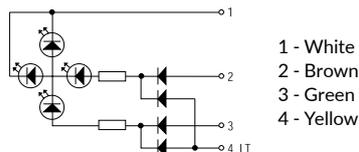


Flying Leads

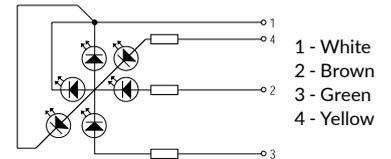
Bicolor



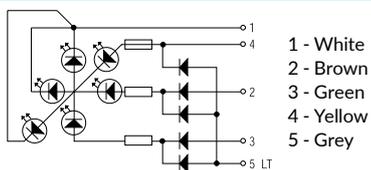
Bicolor + Lamp Test (LT)



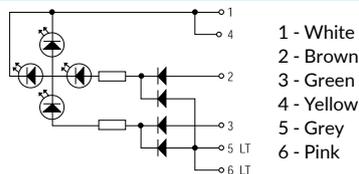
Tricolor



Tricolor + Lamp Test (LT)



Double Input (2C) + Double Lamp Test (2LT)

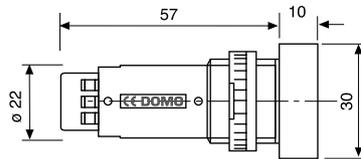


Series PI - $\varnothing 22\text{mm}$

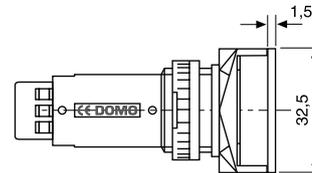
Dimensions and wiring

TV22/30 PI

Dimensions mm 1:2

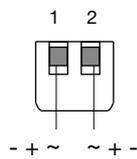
**A type**
Protrudingboard thickness 10 mm
clamping: threaded nut

Dimensions mm 1:2

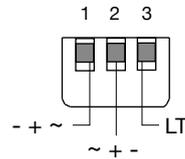
**B type**
Flush
Mountingboard thickness 1 mm
clamping: threaded nut

Screw terminal 14 AWG - 2,5mmq

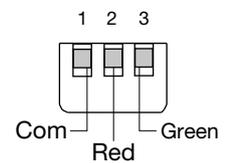
Monocolor



Monocolor + Lamp Test (LT)



Bicolor

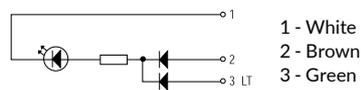


Flying Leads

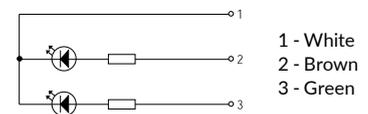
Monocolor

1 - White
2 - Brown

Monocolor + Lamp Test (LT)

1 - White
2 - Brown
3 - Green

Bicolor

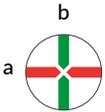
1 - White
2 - Brown
3 - Green



Protruding
Head Ø48mm
Cut-out Ø22mm
Weight 33g



Protruding
Head 48x48mm
Cut-out Ø22mm
Weight 35g



a Red
b Green

TV22/48 CRT RG Vxx

PD FL PC NC TR LT

TV22/48 CRQ RG Vxx

PD FL PC NC TR LT

Series PI - Ø22mm

Product range

Protruding
Head Ø48mm
Cut-out Ø22mm
Weight 31g



Protruding
Head 48x48mm
Cut-out Ø22mm
Weight 33g



- Red
- Green
- Yellow
- Amber
- Blue
- White

TV22/48 PIR ER Vxx
TV22/48 PIR EG Vxx
TV22/48 PIR EY Vxx
TV22/48 PIR EA Vxx
TV22/48 PIR EB Vxx
TV22/48 PIR EW Vxx

PD FL TR LT

TV22/48 PIQ ER Vxx
TV22/48 PIQ EG Vxx
TV22/48 PIQ EY Vxx
TV22/48 PIQ EA Vxx
TV22/48 PIQ EB Vxx
TV22/48 PIQ EW Vxx

PD FL TR LT

- Red/Green

TV22/48 PIR ERG Vxx

PD FL TR

TV22/48 PIQ ERG Vxx

PD FL TR



- Red
- Green
- Yellow
- Amber
- Blue
- White

TV22/48 PIR DR Vxx
TV22/48 PIR DG Vxx
TV22/48 PIR DY Vxx
TV22/48 PIR DA Vxx
TV22/48 PIR DB Vxx
TV22/48 PIR DW Vxx

PD FL TR LT

TV22/48 PIQ DR Vxx
TV22/48 PIQ DG Vxx
TV22/48 PIQ DY Vxx
TV22/48 PIQ DA Vxx
TV22/48 PIQ DB Vxx
TV22/48 PIQ DW Vxx

PD FL TR LT

- Red/Green

TV22/48 PIR DRG Vxx

PD FL TR

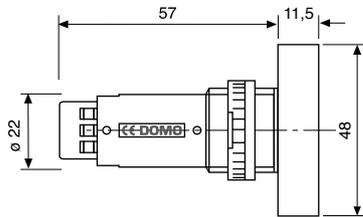
TV22/48 PIQ DRG Vxx

PD FL TR



TV22/48 CR

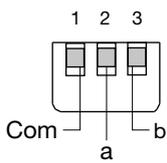
Dimensions mm 1:2



board thickness 10 mm
clamping: threaded nut

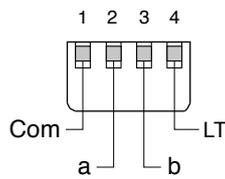
Screw terminal 14 AWG - 2,5mmq

Bicolor



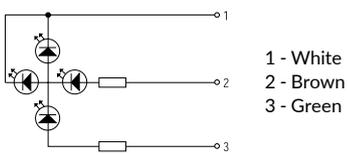
Screw terminal 16 AWG - 0,75 ÷ 1,0mmq

Bicolor + Lamp Test (LT)

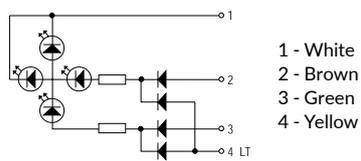


Flying Leads

Bicolor



Bicolor + Lamp Test (LT)

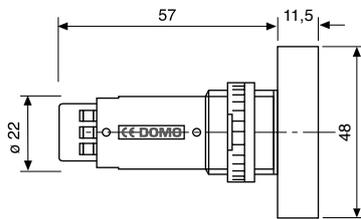


Series PI - $\varnothing 22\text{mm}$

Dimensions and wiring

TV22/48 PI

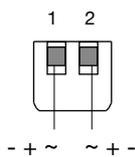
Dimensions mm 1:2



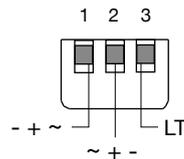
board thickness 10 mm
clamping: threaded nut

Screw terminal 14 AWG - 2,5mm²

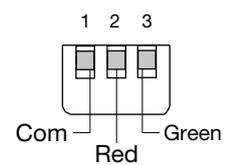
Monocolor



Monocolor + Lamp Test (LT)



Bicolor

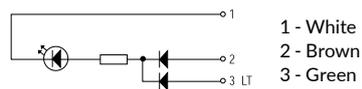


Flying Leads

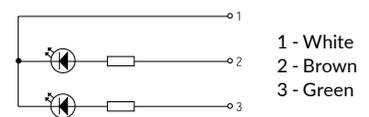
Monocolor



Monocolor + Lamp Test (LT)



Bicolor





LED Indicators

MultiLED display

Series ML

Series ML

Technical features

Body material: **Polycarbonate (PC) V0/UL 94**
 Body colour: **Black**
 Protection degree: **22/30 ML IP40**
 22/30 MLH IP65
 22/48 ML IP54
 Working temperature: **-20°C +60°C**
 Operating life at AT 25°C: **> 100.000 h**
Not replaceable LEDs



Supply voltage +/- 10%

Power	Consumption	Current
24 Vac/dc	15-20mA	AC/DC
48 Vac/dc	15-20mA	AC/DC
130 = 110-130 Vac/dc	15-20mA	AC/DC
240 Vac	9mA	Alternating Current
220 Vdc	9mA	Direct Current
380-400 Vac	10mA	Three Phase

Other power supplies on request



Available with integrated Lamp Test circuit (LT), to test all signals at once.



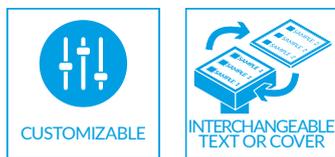
Integrated Rectifier Bridge to work in Alternating Current (AC) or Direct Current (DC), automatically.



Tropicalization treatment inside.



Easy to connect thanks to the Faston terminals 2.8mm x 0.8mm, Screw terminals or Flying Leads.



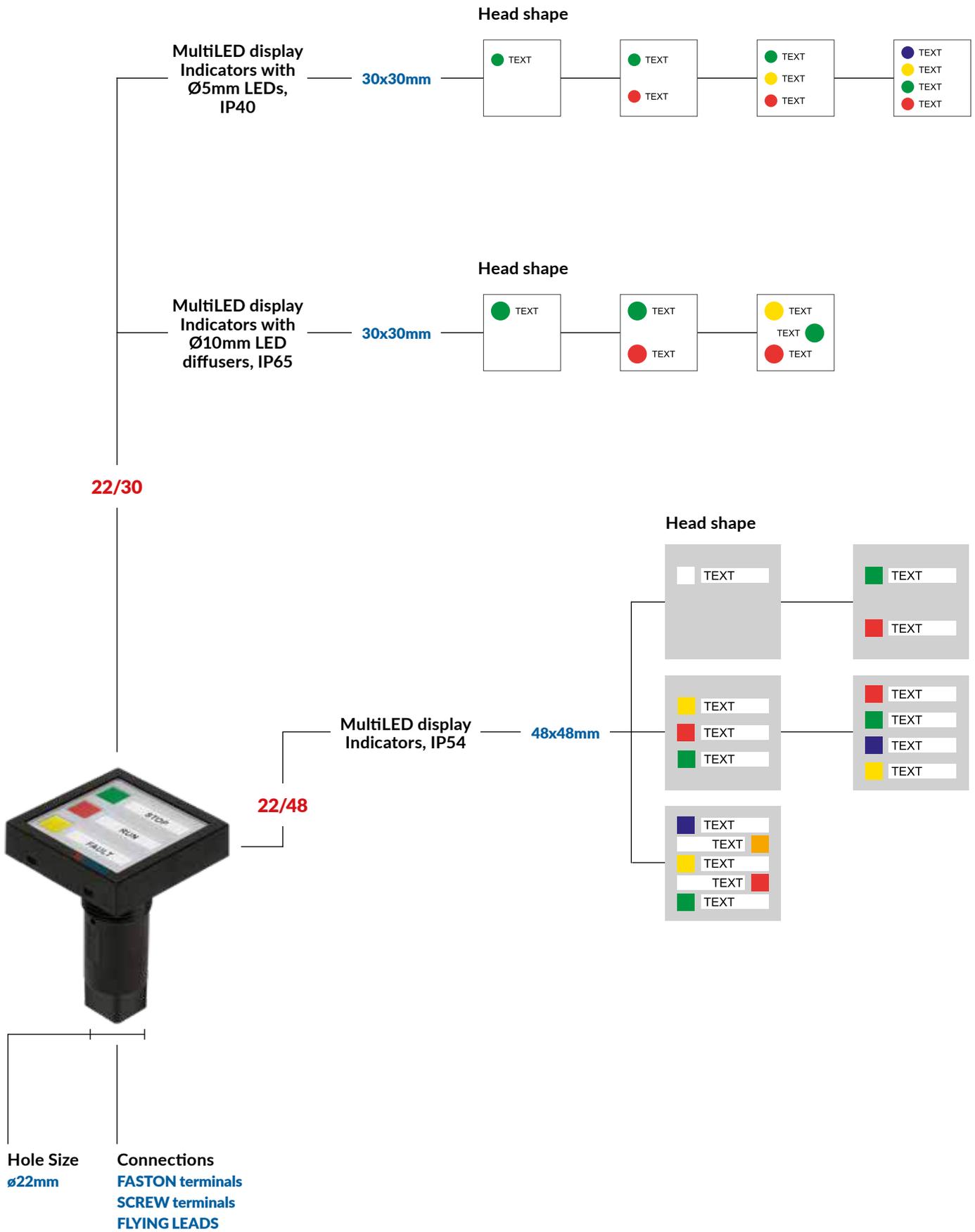
Customer can choose the LED colors, their arrangement and the text next to the LEDs. Easy label replacement, freely exchangeable at any time.

Compliance:
Directive 2006/95/EC Low Voltage
Directive 2004/108/EC Electromagnetic Compatibility
Directive 2011/65/EC RhOS
Directive 2006/42/EC Machinery

Conformity to standards:
EN 60947.5.1 / EN 60073 / EN 60529 / EN 60068-2-6 / EN 60204.1 / EN ISO 7731 / EN 981 / IEC 536

Customs tariff: **85389091**

DOMO reserves the right to change, amend, modify, suspend, continue or terminate all or any part of the Product range either in an individual case or in general, at any time without notice.

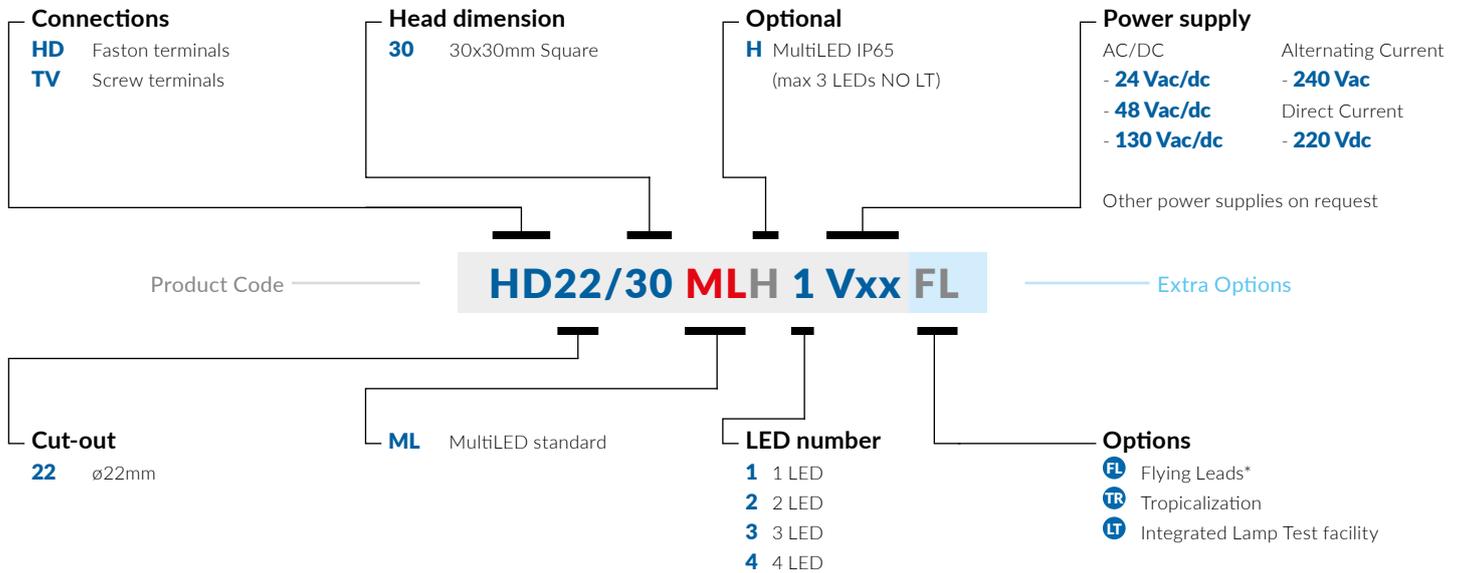


Series ML - ø22mm

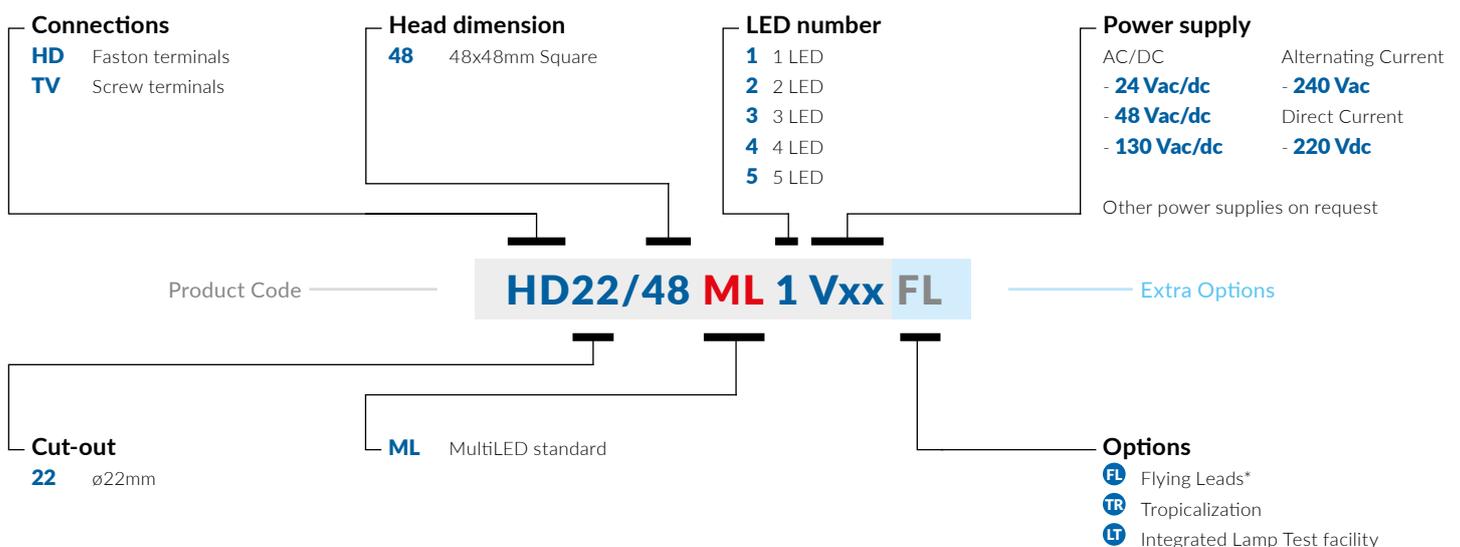
Coding



MultiLED display Indicators 22/30



MultiLED display Indicators 22/48





Series ML - ø22mm

Ø5mm LEDs, IP40

HD22/30 ML
Head 30x30mm
Cut-out Ø22
LEDs: Ø5mm
Weight 20g



LEDs colors available

- Red
- Green
- Yellow
- Amber
- Blue
- White

L1

HD22/30 ML1	
Supply Voltage	V _____
LEDs colors	Text _____
L1	_____

TR LT

L1

L2

HD22/30 ML2	
Supply Voltage	V _____
LEDs colors	Text _____
L1	_____
L2	_____

TR LT

L1

L2

L3

HD22/30 ML3	
Supply Voltage	V _____
LEDs colors	Text _____
L1	_____
L2	_____
L3	_____

TR LT

L1

L2

L3

L4

HD22/30 ML4	
Supply Voltage	V _____
LEDs colors	Text _____
L1	_____
L2	_____
L3	_____
L4	_____

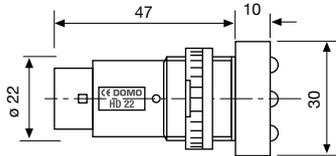
TR LT

Series ML - $\varnothing 22\text{mm}$

Dimensions and wiring

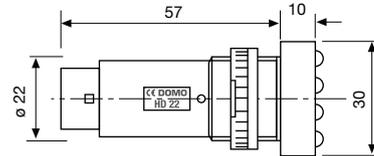
HD22/30 ML

Dimensions mm 1:2



board thickness 10 mm
clamping: threaded nut

Dimensions mm 1:2

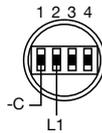


board thickness 1 mm
clamping: threaded nut

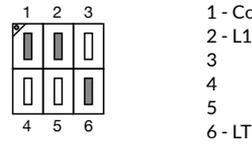
Faston terminals Tabs 2,8 x 0,8mm



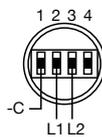
Standard



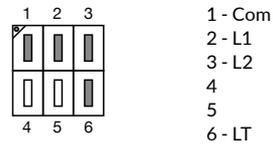
Standard + Lamp Test (LT)



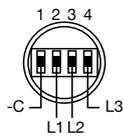
Standard



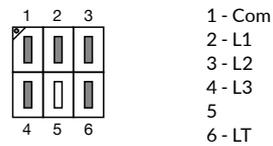
Standard + Lamp Test (LT)



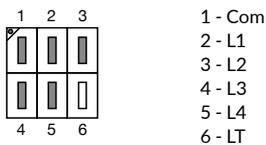
Standard



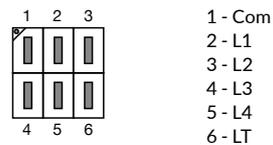
Standard + Lamp Test (LT)



Standard



Standard + Lamp Test (LT)





Product range series ML - ø22mm

Ø5mm LEDs, IP40

TV22/30 ML
Head 30x30mm
Cut-out Ø22
LEDs: Ø5mm
Weight 23g



LEDs colors available

- Red
- Green
- Yellow
- Amber
- Blue
- White

L1

TV22/30 ML1	
Supply Voltage	V _____
LEDs colors	Text _____
L1	_____

FL TR LT

L1

L2

TV22/30 ML2	
Supply Voltage	V _____
LEDs colors	Text _____
L1	_____
L2	_____

FL TR LT

L1

L2

L3

TV22/30 ML3	
Supply Voltage	V _____
LEDs colors	Text _____
L1	_____
L2	_____
L3	_____

FL TR LT

L1

L2

L3

L4

TV22/30 ML4	
Supply Voltage	V _____
LEDs colors	Text _____
L1	_____
L2	_____
L3	_____
L4	_____

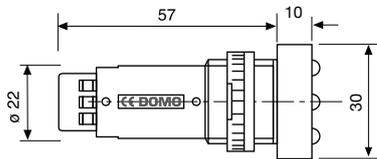
FL TR LT

Dimensions and wiring series ML - $\varnothing 22\text{mm}$

Dimensions and wiring

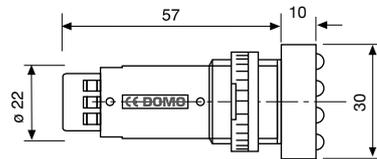
TV22/30 ML

Dimensions mm 1:2



board thickness 10 mm
clamping: threaded nut

Dimensions mm 1:2

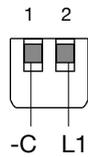


board thickness 1 mm
clamping: threaded nut

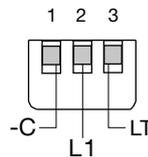
Screw terminal 14 AWG - 2,5mmq



Standard

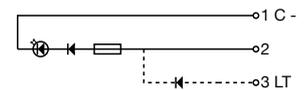


Standard + Lamp Test (LT)



Flying Leads

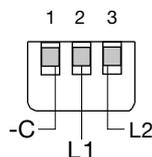
Standard / Standard + Lamp Test (LT)



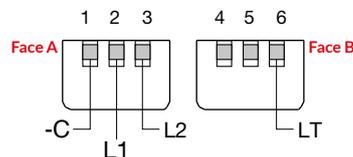
Screw terminal 16 AWG - 0,75-0,1mmq



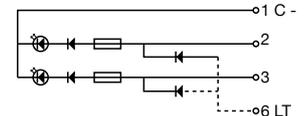
Standard



Standard + Lamp Test (LT)



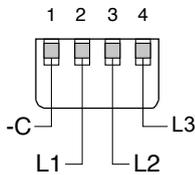
Standard / Standard + Lamp Test (LT)



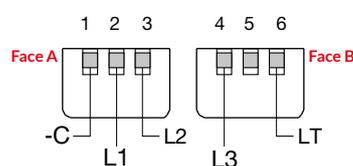
Screw terminal 16 AWG - 0,75-0,1mmq



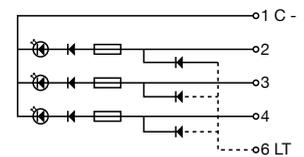
Standard



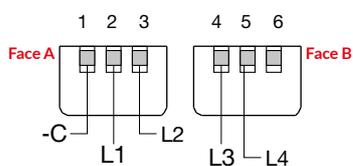
Standard + Lamp Test (LT)



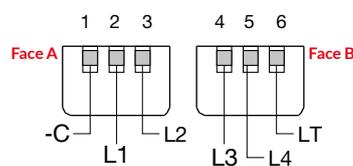
Standard / Standard + Lamp Test (LT)



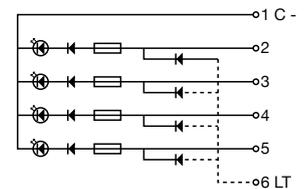
Standard



Standard + Lamp Test (LT)



Standard / Standard + Lamp Test (LT)





Series ML - ø22mm

Ø10mm LEDs, IP65

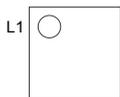
LEDs colors available

- Red
- Green
- Yellow
- Amber
- Blue
- White

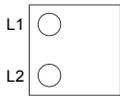
HD22/30 MLH
 Head 30x30mm
 Cut-out Ø22
 LED diffusers: Ø10mm
 Weight 17g



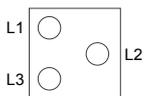
TV22/30 MLH
 Head 30x30mm
 Cut-out Ø22
 LED diffusers: Ø10mm
 Weight 20g



Standard	HD22/30 MLH1		TV22/30 MLH1	
Supply Voltage	V _____		V _____	
LEDs colors	_____	Text _____	LEDs colors	Text _____
L1	_____		L1	_____
		TR LT		FL TR LT



Standard	HD22/30 MLH2		TV22/30 MLH2	
Supply Voltage	V _____		V _____	
LEDs colors	_____	Text _____	LEDs colors	Text _____
L1	_____		L1	_____
L2	_____		L2	_____
		TR LT		FL TR LT



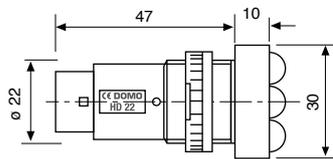
Standard	HD22/30 MLH3		TV22/30 MLH3	
Supply Voltage	V _____		V _____	
LEDs colors	_____	Text _____	LEDs colors	Text _____
L1	_____		L1	_____
L2	_____		L2	_____
L3	_____		L3	_____
		TR LT		FL TR LT

Series ML - $\varnothing 22\text{mm}$

Dimensions and wiring

HD22/30 MLH

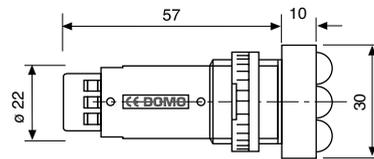
Dimensions mm 1:2



board thickness 10 mm
clamping: threaded nut

TV22/30 MLH

Dimensions mm 1:2

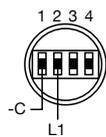


board thickness 10 mm
clamping: threaded nut

Faston terminals Tabs 2,8 x 0,8mm

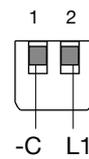


Standard



Screw terminal 14 AWG - 2,5mmq

Standard

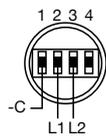


Flying Leads

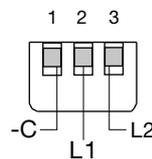
Standard



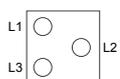
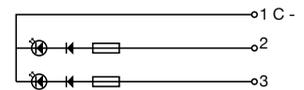
Standard



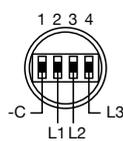
Standard



Standard

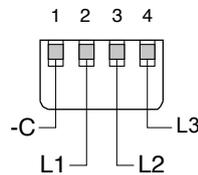


Standard

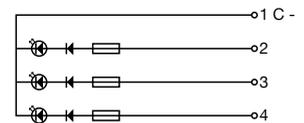


Screw terminal 16 AWG - 0,75-0,1mmq

Standard



Standard





Series ML - ø22mm

Product range

IP54



HD 22/48
Head 48x48mm
Cut-out Ø22
LED diffusers:
8x8mm
Weight 35g



TV 22/48
Head 48x48mm
Cut-out Ø22
LED diffusers:
8x8mm
Weight 38g

LEDs colors available

- Red
- Green
- Yellow
- Amber
- Blue
- White

L1

	HD22/48 ML1	TV22/48 ML1
Supply Voltage	Supply Voltage V _____	V _____
LEDs colors	Text _____	Text _____
L1	_____	_____
	● TR ● LT	● FL ● TR ● LT

L1

L2

	HD22/48 ML2	TV22/48 ML2
Supply Voltage	V _____	V _____
LEDs colors	Text _____	Text _____
L1	_____	_____
L2	_____	_____
	● TR ● LT	● FL ● TR ● LT

L1

L2

L3

	HD22/48 ML3	TV22/48 ML3
Supply Voltage	V _____	V _____
LEDs colors	Text _____	Text _____
L1	_____	_____
L2	_____	_____
L3	_____	_____
	● TR ● LT	● FL ● TR ● LT

L1

L2

L3

L4

	HD22/48 ML4	TV22/48 ML4
Supply Voltage	V _____	V _____
LEDs colors	Text _____	Text _____
L1	_____	_____
L2	_____	_____
L3	_____	_____
L4	_____	_____
	● TR ● LT	● FL ● TR ● LT

L1

L3

L5

L2

L4

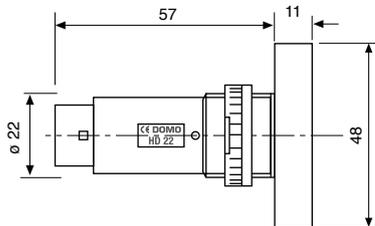
	HD22/48 ML5	TV22/48 ML5
Supply Voltage	V _____	V _____
LEDs colors	Text _____	Text _____
L1	_____	_____
L2	_____	_____
L3	_____	_____
L4	_____	_____
L5	_____	_____
	● TR	● FL ● TR

Series ML - $\varnothing 22\text{mm}$

Dimensions and wiring

HD22/48 ML

Dimensions mm 1:2

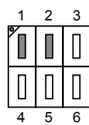


board thickness 10 mm
clamping: threaded nut

Faston terminals Tabs 2,8 x 0,8mm

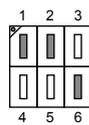


Standard



1 - Com
2 - L1
3
4
5
6

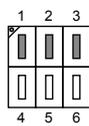
Standard + Lamp Test (LT)



1 - Com
2 - L1
3
4
5
6 - LT

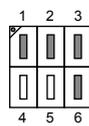


Standard



1 - Com
2 - L1
3 - L2
4
5
6

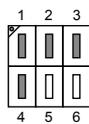
Standard + Lamp Test (LT)



1 - Com
2 - L1
3 - L2
4
5
6 - LT

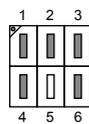


Standard



1 - Com
2 - L1
3 - L2
4 - L3
5
6

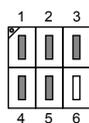
Standard + Lamp Test (LT)



1 - Com
2 - L1
3 - L2
4 - L3
5
6 - LT

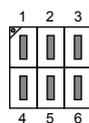


Standard



1 - Com
2 - L1
3 - L2
4 - L3
5 - L4
6

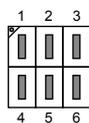
Standard + Lamp Test (LT)



1 - Com
2 - L1
3 - L2
4 - L3
5 - L4
6 - LT



Standard

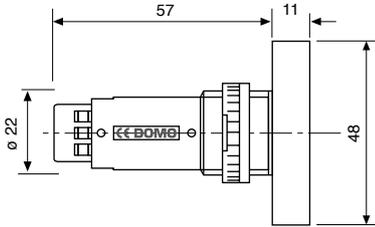


1 - Com
2 - L1
3 - L2
4 - L3
5 - L4
6 - L5



TV22/48 ML

Dimensions mm 1:2

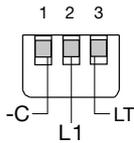


board thickness 10 mm
clamping: threaded nut

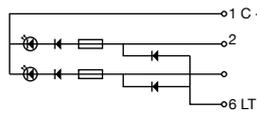
Screw terminal 14 AWG - 2,5mm²

Flying Leads

Standard

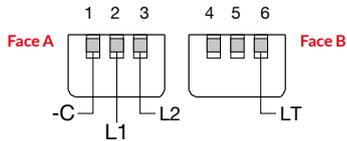


Standard

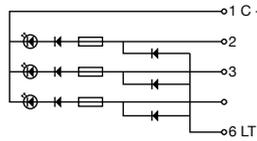


Screw terminal 16 AWG - 0,75-0,1mm²

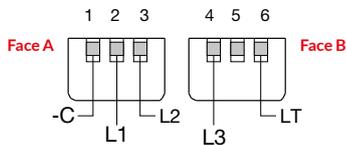
Standard



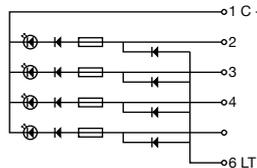
Standard



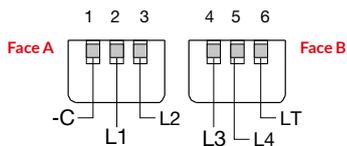
Standard



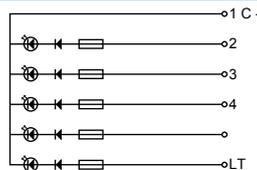
Standard



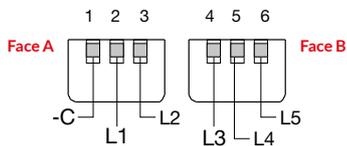
Standard



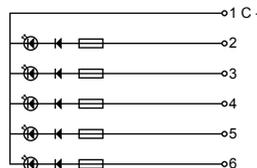
Standard



Standard



Standard



Series ML - $\varnothing 22$ mm

Product range

Three Phases Controller

TV22/30 ML3 400

Head 30x30mm
Cut-out $\varnothing 22$
LEDs: $\varnothing 5$ mm
Weight 23g



IP40

TV22/30 MLH3 400

Head 30x30mm
Cut-out $\varnothing 22$
LED diffusers: $\varnothing 10$ mm
Weight 20g



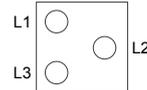
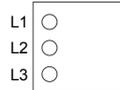
IP65

TV 22/48 ML3 400

Head 48x48mm
Cut-out $\varnothing 22$
LED diffusers: 8x8mm
Weight 37g



IP54



Standard

Supply Voltage

TV22/30 ML3 400
400TV22/30 MLH3 400
400TV22/48 ML3 400
400

LEDs colors

L1 ● Red

L2 ● Red

L3 ● Red

Text

Text

Text

FL TR

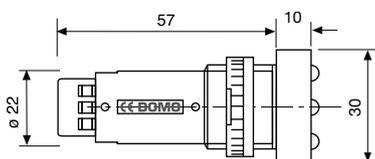
FL TR

FL TR

Dimensions and wiring series ML - $\varnothing 22$ mm

TV22/30 ML

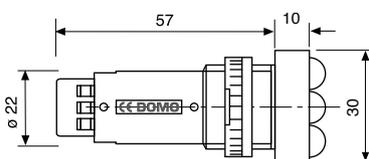
Dimensions mm 1:2



board thickness 10 mm
clamping: threaded nut

TV22/30 MLH

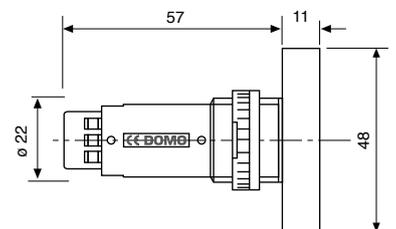
Dimensions mm 1:2



board thickness 10 mm
clamping: threaded nut

TV22/48 ML

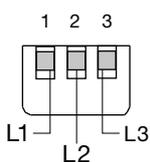
Dimensions mm 1:2



board thickness 10 mm
clamping: threaded nut

Screw terminal 14 AWG - 2,5mmq

Standard





LED Indicators

Extra bright

Series VEB

Technical features series VEB

Body material: **Polycarbonate (PC) V0/UL 94**
 Body colour: **Black**
 Protection degree: **IP65**
 Working temperature: **-20°C +60°C**
 Operating life at AT 25°C: **> 100.000 h**
Not replaceable LEDs



Supply voltage +/- 10%

Power	Consumption	Current
24 Vac/dc	15-20mA	AC/DC
48 Vac/dc	15-20mA	AC/DC
130 = 110-130 Vac/dc	15-20mA	AC/DC
240 Vac	15mA	Alternating Current
220 Vdc	9mA	Direct Current

Other power supplies on request



Available with integrated Lamp Test circuit (LT), to test all signals at once.



Integrated Rectifier Bridge to work in Alternating Current (AC) or Direct Current (DC), automatically.



Available with inbuilt diode (PD) to avoid reverse feeding and Tropicalization treatment.



Easy to connect thanks to the Faston terminals 2.8mm x 0.8mm, Screw terminals or Flying Leads.



Extra bright visibility even with sunlight thanks to the powerful Cluster LED. High vandal resistance

Compliance:

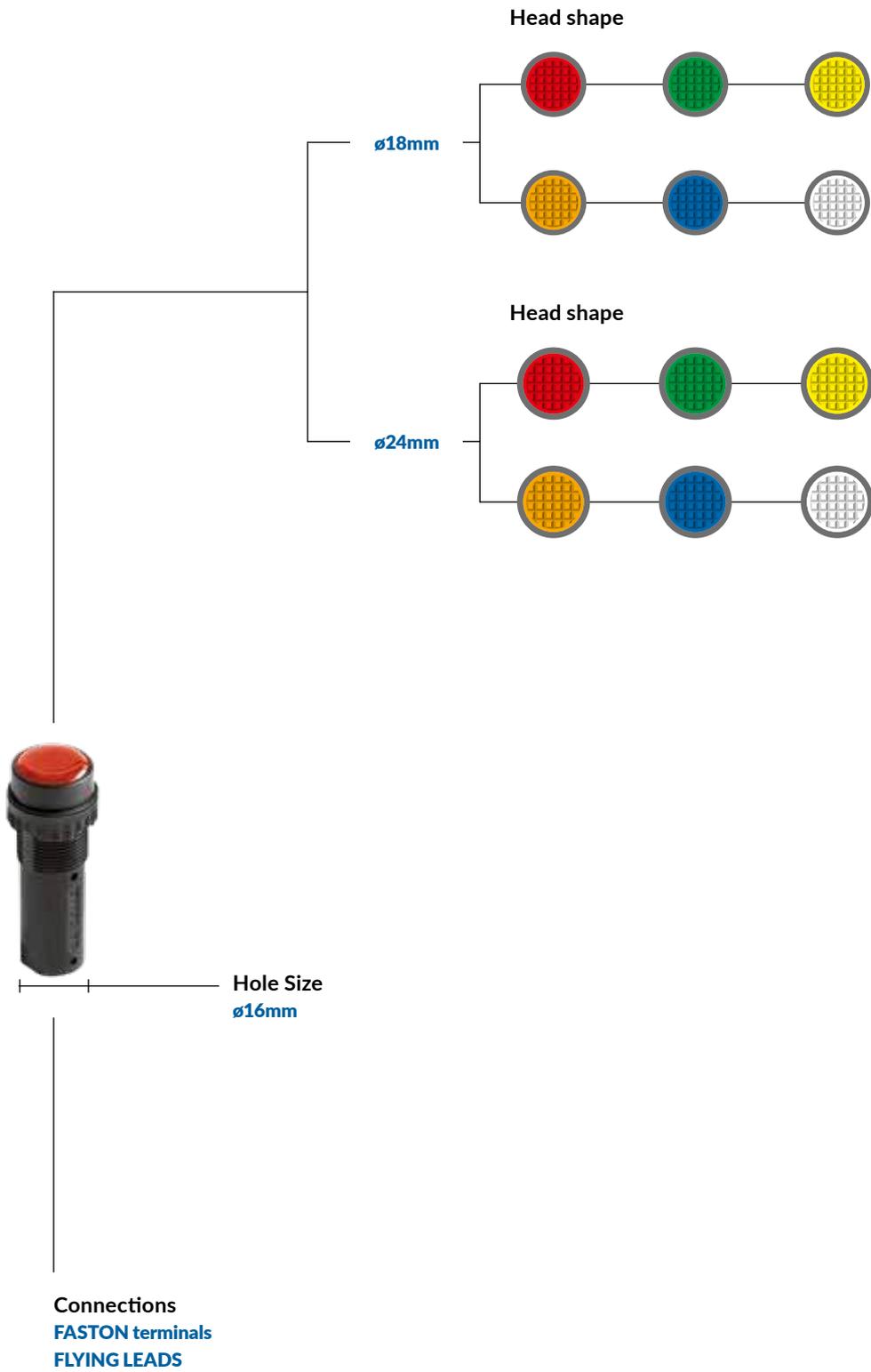
Directive 2006/95/EC Low Voltage
Directive 2004/108/EC Electromagnetic Compatibility
Directive 2011/65/EC RhOS
Directive 2006/42/EC Machinery

Conformity to standards:

EN 60947.5.1 / EN 60073 / EN 60529 / EN 60068-2-6 / EN 60204.1 / EN ISO 7731 / EN 981 / IEC 536

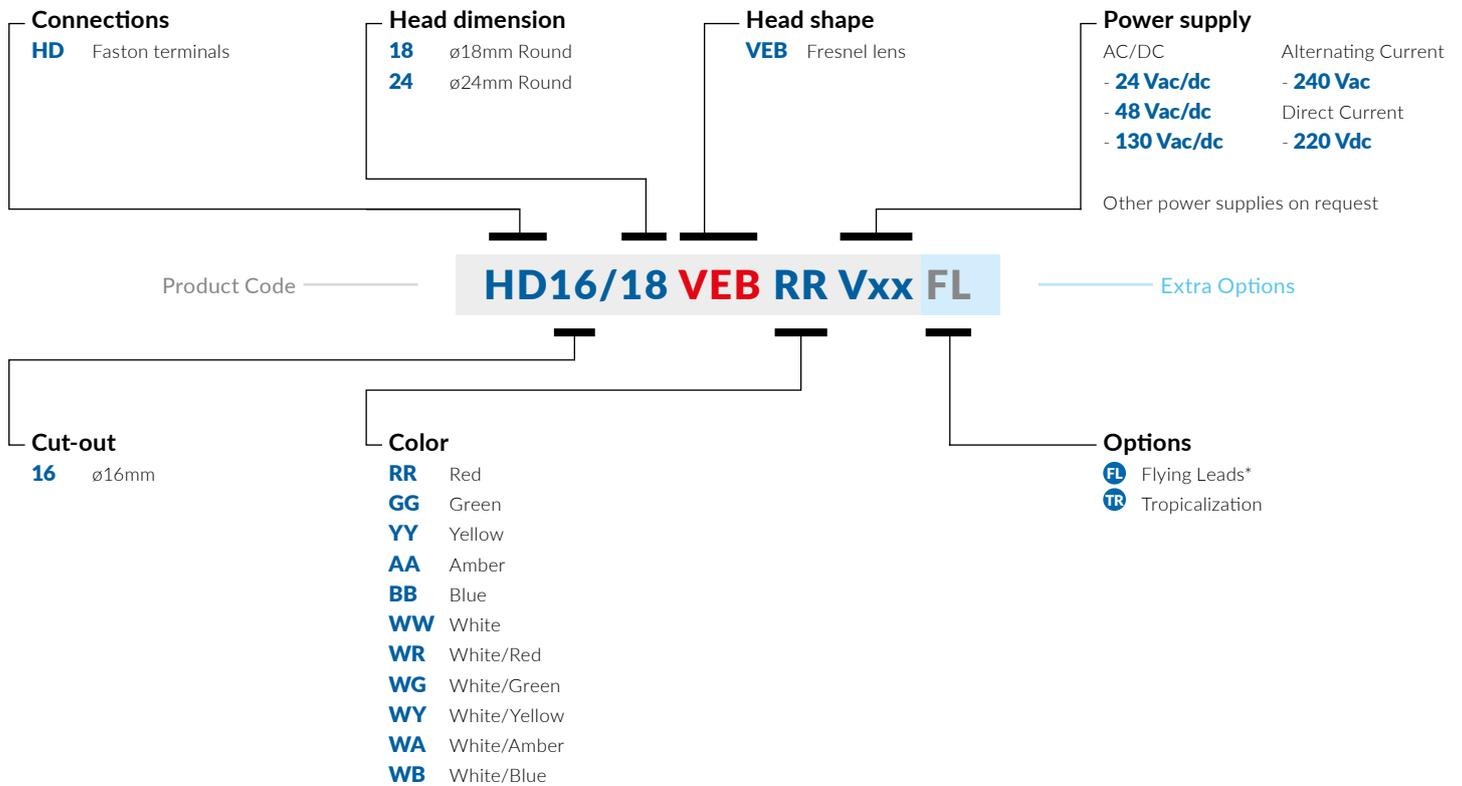
Customs tariff: **85389091**

DOMO reserves the right to change, amend, modify, suspend, continue or terminate all or any part of the Product range either in an individual case or in general, at any time without notice.



Series VEB - \varnothing 16mm

Coding





16/18
 Head Ø18mm
 Cut-out Ø16
 LED diffuser: Ø16mm
 Weight 9g



16/24
 Head Ø24mm
 Cut-out Ø16
 LED diffuser: Ø22mm
 Weight 13g



Colors

LED diffuser	LED
--------------	-----

Standard type

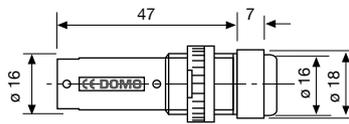
● Red	● Red	HD16/18 VEB RR Vxx	HD16/24 VEB RR Vxx
● Green	● Green	HD16/18 VEB GG Vxx	HD16/24 VEB GG Vxx
● Yellow	● Yellow	HD16/18 VEB YY Vxx	HD16/24 VEB YY Vxx
● Amber	● Amber	HD16/18 VEB AA Vxx	HD16/24 VEB AA Vxx
● Blue	● Blue	HD16/18 VEB BB Vxx	HD16/24 VEB BB Vxx
○ White	○ White	HD16/18 VEB WW Vxx	HD16/24 VEB WW Vxx
		FL TR	FL TR
○ White	● Red	HD16/18 VEB WR Vxx	HD16/24 VEB WR Vxx
○ White	● Green	HD16/18 VEB WG Vxx	HD16/24 VEB WG Vxx
○ White	● Yellow	HD16/18 VEB WY Vxx	HD16/24 VEB WY Vxx
○ White	● Amber	HD16/18 VEB WA Vxx	HD16/24 VEB WA Vxx
○ White	● Blue	HD16/18 VEB WB Vxx	HD16/24 VEB WB Vxx
		FL TR	FL TR

Series VEB - $\varnothing 16\text{mm}$

Dimensions and wiring

HD16/18 VEB

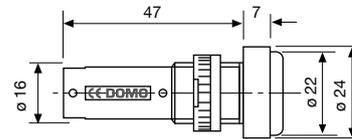
Dimensions mm 1:2



board thickness 10 mm
clamping: threaded nut

HD16/24 VEB

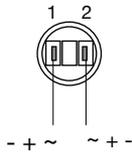
Dimensions mm 1:2



board thickness 10 mm
clamping: threaded nut

Faston terminals Tabs 2,8 x 0,8mm

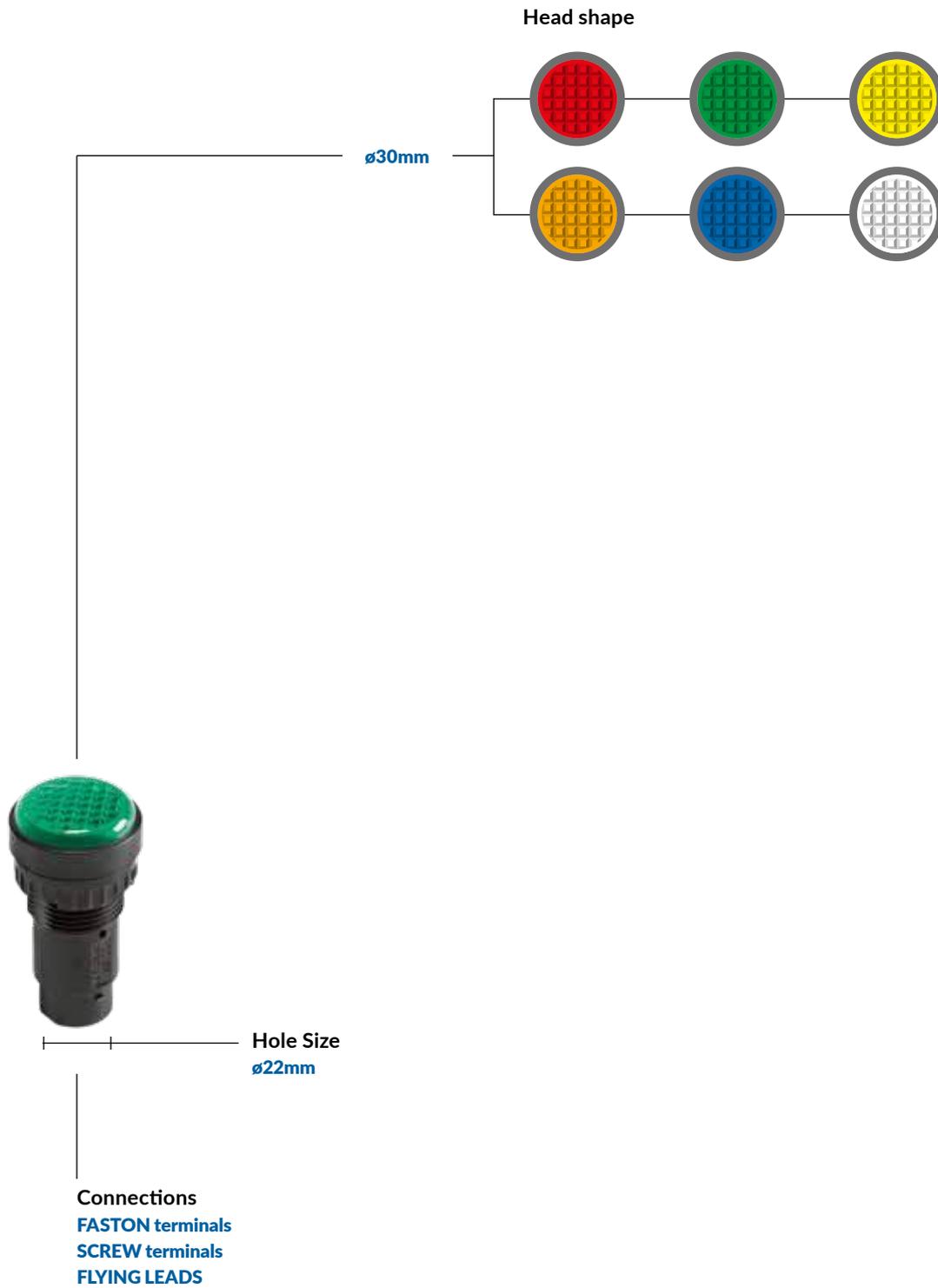
Monocolor



Flying Leads

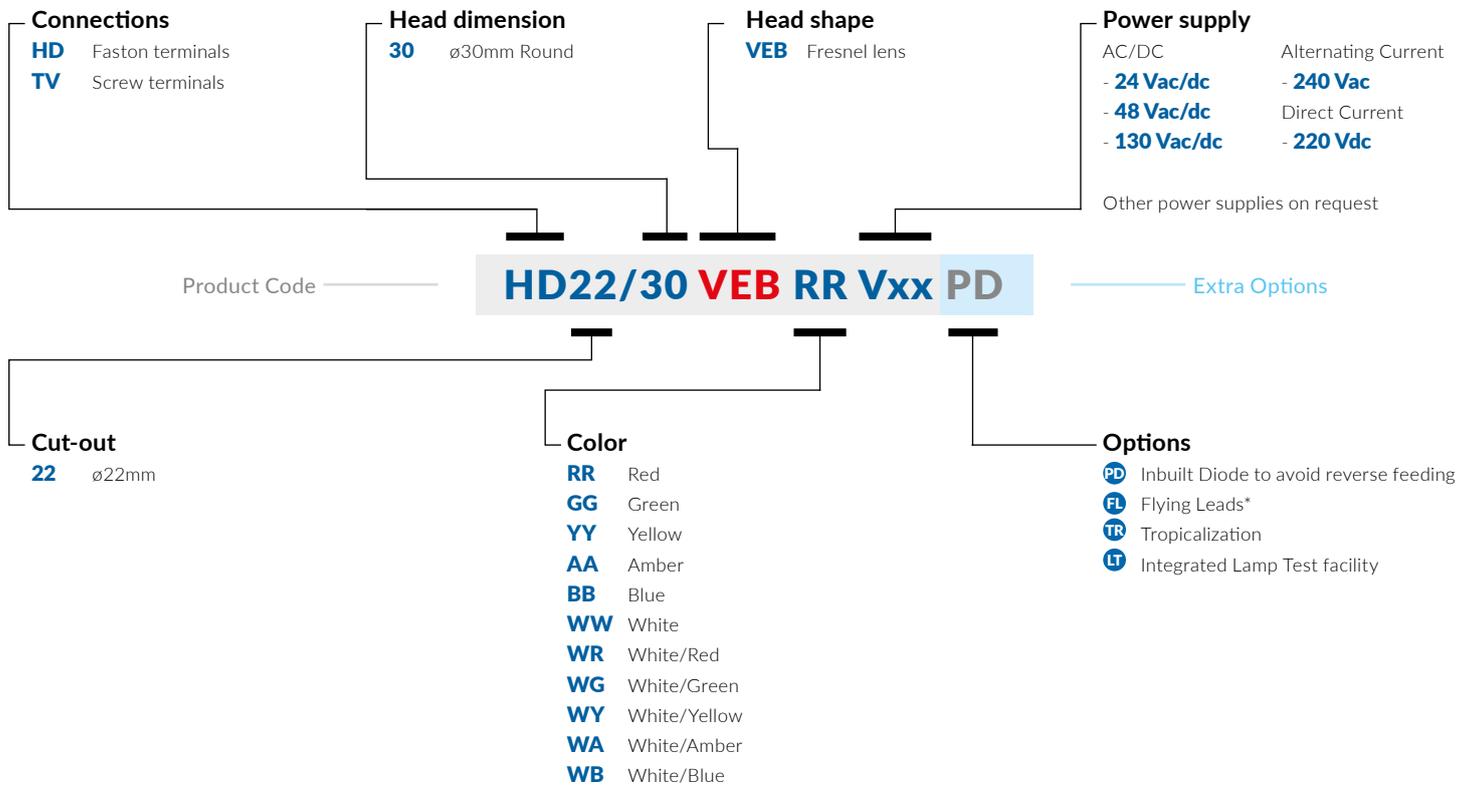
Monocolor





Series VEB - ø22mm

Coding





HD22/30
 Head Ø30mm
 Cut-out Ø22
 LED diffuser: Ø26mm
 Weight 15g



TV22/30
 Head Ø30mm
 Cut-out Ø22
 LED diffuser: Ø26mm
 Weight 18g



Colors

LED diffuser	LED
--------------	-----

Standard type

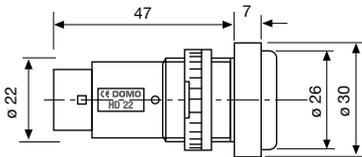
<input checked="" type="radio"/> Red	<input checked="" type="radio"/> Red	HD22/30 VEB RR Vxx	TV22/30 VEB RR Vxx
<input checked="" type="radio"/> Green	<input checked="" type="radio"/> Green	HD22/30 VEB GG Vxx	TV22/30 VEB GG Vxx
<input checked="" type="radio"/> Yellow	<input checked="" type="radio"/> Yellow	HD22/30 VEB YY Vxx	TV22/30 VEB YY Vxx
<input checked="" type="radio"/> Amber	<input checked="" type="radio"/> Amber	HD22/30 VEB AA Vxx	TV22/30 VEB AA Vxx
<input checked="" type="radio"/> Blue	<input checked="" type="radio"/> Blue	HD22/30 VEB BB Vxx	TV22/30 VEB BB Vxx
<input type="radio"/> White	<input type="radio"/> White	HD22/30 VEB WW Vxx	TV22/30 VEB WW Vxx
		PD TR LT	PD FL TR LT
<input type="radio"/> White	<input checked="" type="radio"/> Red	HD22/30 VEB WR Vxx	TV22/30 VEB WR Vxx
<input type="radio"/> White	<input checked="" type="radio"/> Green	HD22/30 VEB WG Vxx	TV22/30 VEB WG Vxx
<input type="radio"/> White	<input checked="" type="radio"/> Yellow	HD22/30 VEB WY Vxx	TV22/30 VEB WY Vxx
<input type="radio"/> White	<input checked="" type="radio"/> Amber	HD22/30 VEB WA Vxx	TV22/30 VEB WA Vxx
<input type="radio"/> White	<input checked="" type="radio"/> Blue	HD22/30 VEB WB Vxx	TV22/30 VEB WB Vxx
		PD TR LT	PD FL TR LT

Series VEB - $\varnothing 22\text{mm}$

Dimensions and wiring

HD22/30 VEB

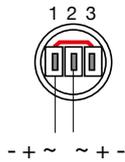
Dimensions mm 1:2



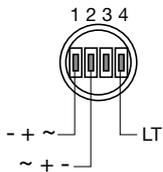
board thickness 10 mm
clamping: threaded nut

Faston terminals Tabs 2,8 x 0,8mm

Monocolor

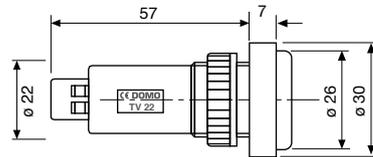


Monocolor + Lamp Test (LT)



TV22/30 VEB

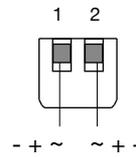
Dimensions mm 1:2



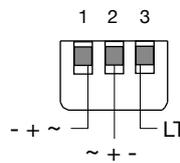
board thickness 10 mm
clamping: threaded nut

Screw terminal 14 AWG - 2,5mmq

Monocolor

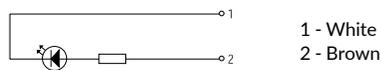


Monocolor + Lamp Test (LT)



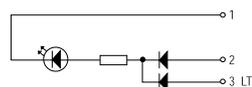
Flying Leads

Monocolor



1 - White
2 - Brown

Monocolor + Lamp Test (LT)



1 - White
2 - Brown
3 - Green



LED Indicators

LED Beacon Lights

Series PHR

Series PHR

Technical features

Body material: **Polycarbonate (PC) V0/UL 94**
Body colour: **Black**
Protection degree: **IP54**
Working temperature: **-20°C +60°C**
Operating life at AT 25°C: **> 100.000 h**
Not replaceable LEDs



Available with integrated Lamp Test circuit (LT), to test all signals at once.

Supply voltage +/- 10%

Power	Consumption	Current
12 Vac/dc	15-20mA	AC/DC
24 Vac/dc	15-20mA	AC/DC
48 Vac/dc	15-20mA	AC/DC
130 = 110-130 Vac/dc	15-20mA	AC/DC
240 Vac	15mA	Alternating Current
220 Vdc	9mA	Direct Current

Other power supplies on request



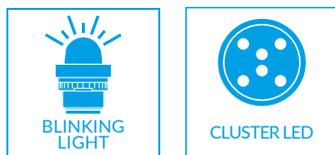
Integrated Rectifier Bridge to work in Alternating Current (AC) or Direct Current (DC), automatically.



Available with inbuilt diode (PD) to avoid reverse feeding and Tropicalization treatment.



Easy to connect thanks to the Faston terminals 2.8mm x 0.8mm, Screw terminals or Flying Leads.



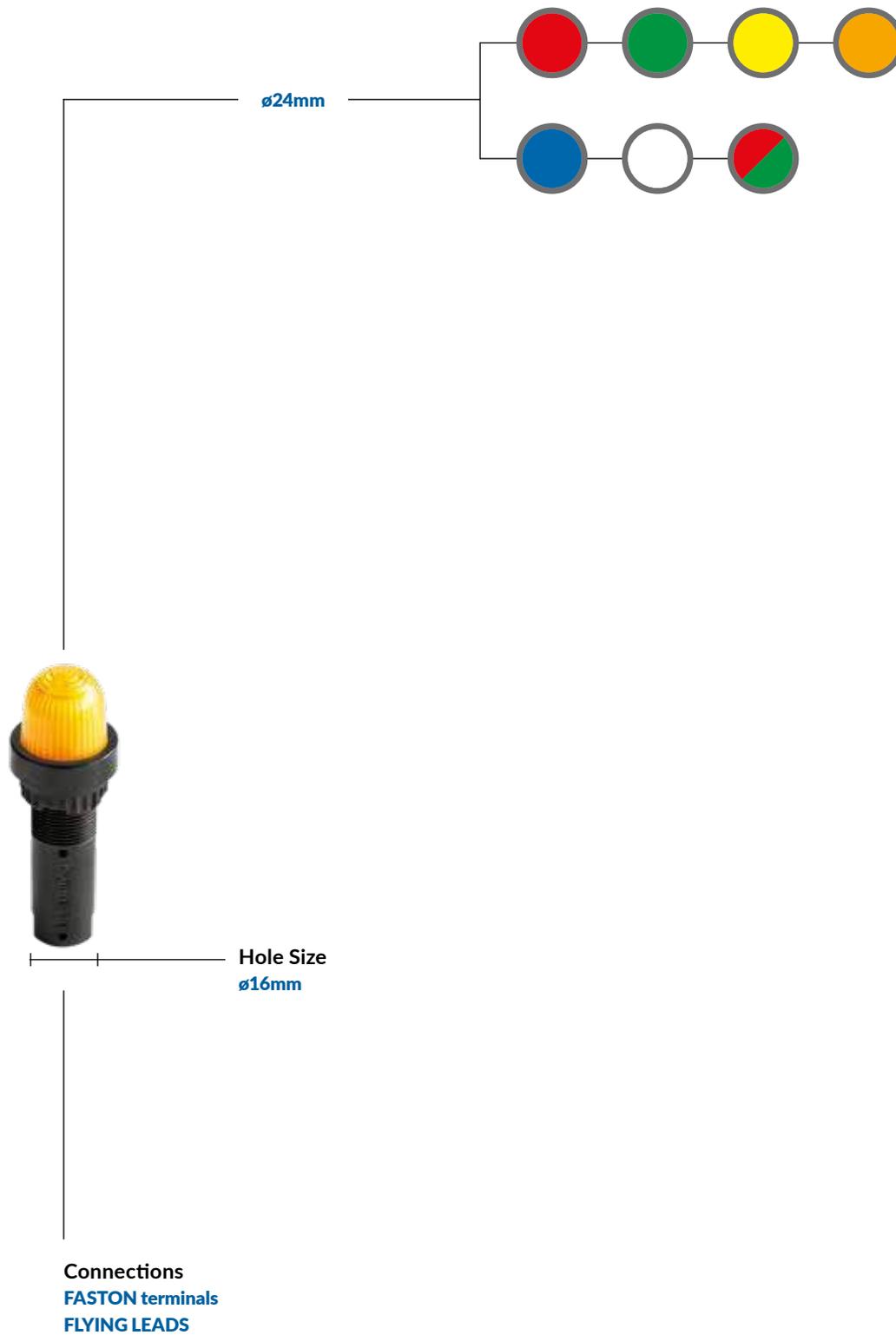
Optional Blinking Light. Extra bright visibility even with sunlight thanks to the powerful Cluster LED.

Compliance:
Directive 2006/95/EC Low Voltage
Directive 2004/108/EC Electromagnetic Compatibility
Directive 2011/65/EC RhOS
Directive 2006/42/EC Machinery

Conformity to standards:
EN 60947.5.1 / EN 60073 / EN 60529 / EN 60068-2-6 / EN 60204.1 / EN ISO 7731 / EN 981 / IEC 536

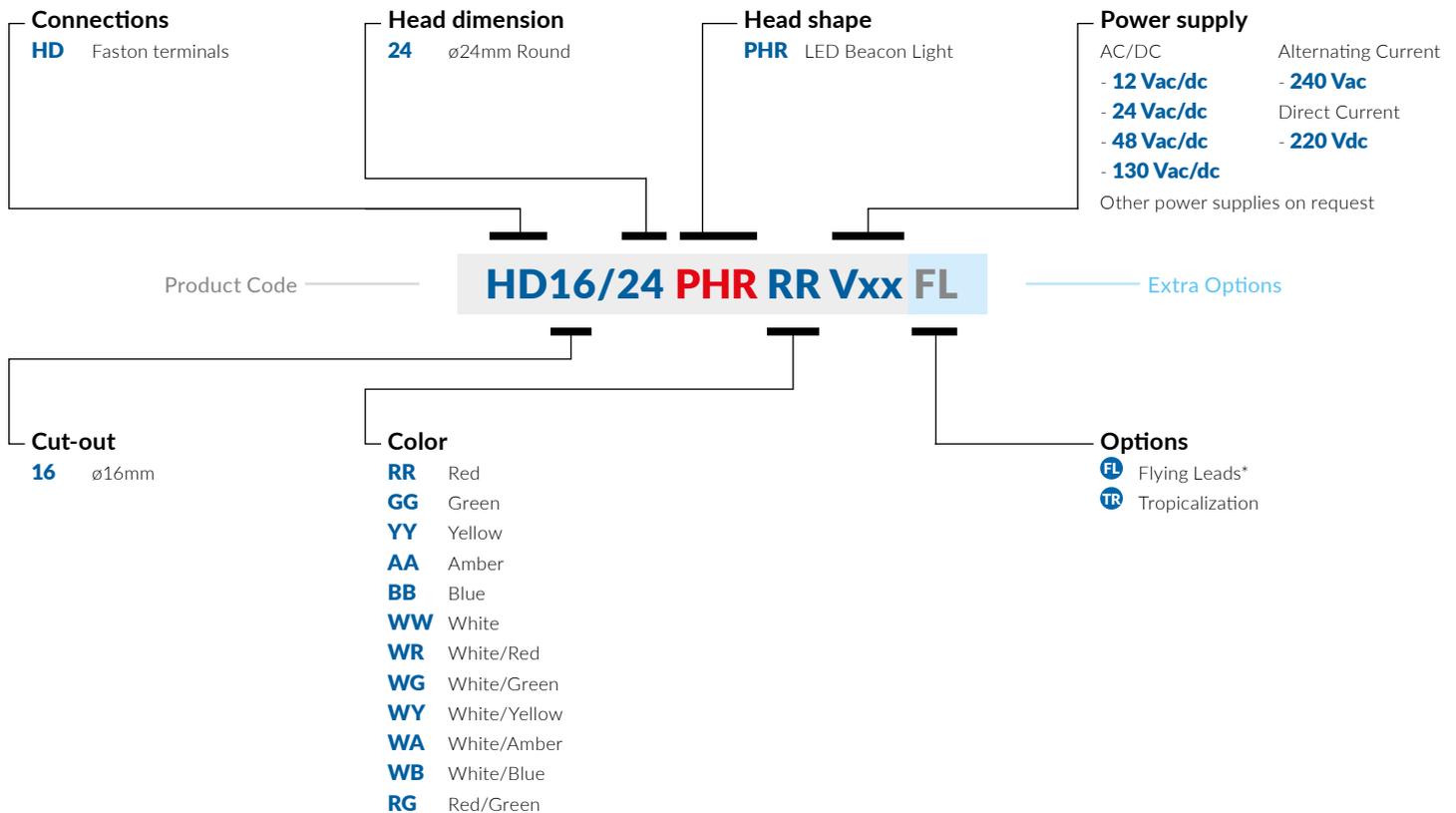
Customs tariff: **85389091**

DOMO reserves the right to change, amend, modify, suspend, continue or terminate all or any part of the Product range either in an individual case or in general, at any time without notice.



Series PHR - ø16mm

Coding





16/24
 Head Ø24mm
 Cut-out Ø16
 LED diffuser: Ø19mm
 Weight 11g



Colors	
LED diffuser	LED

Standard type

● Red	● Red	HD16/24 PHR RR Vxx
● Green	● Green	HD16/24 PHR GG Vxx
● Yellow	● Yellow	HD16/24 PHR YY Vxx
● Amber	● Amber	HD16/24 PHR AA Vxx
● Blue	● Blue	HD16/24 PHR BB Vxx
○ White	○ White	HD16/24 PHR WW Vxx



○ White	● Red	HD16/24 PHR WR Vxx
○ White	● Green	HD16/24 PHR WG Vxx
○ White	● Yellow	HD16/24 PHR WY Vxx
○ White	● Amber	HD16/24 PHR WA Vxx
○ White	● Blue	HD16/24 PHR WB Vxx



Bicolor LED

○ White	● Red/Green	HD16/24 PHR RG Vxx
---------	-------------	--------------------

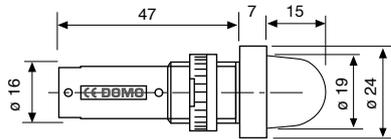


Series PHR - $\varnothing 16\text{mm}$

Dimensions and wiring

HD16/24 PHR

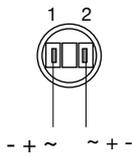
Dimensions mm 1:2



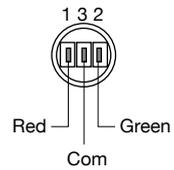
board thickness 10 mm
clamping: threaded nut

Faston terminals Tabs 2,8 x 0,8mm

Monocolor



Bicolor

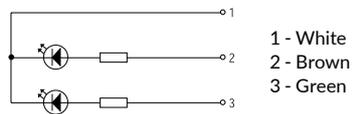


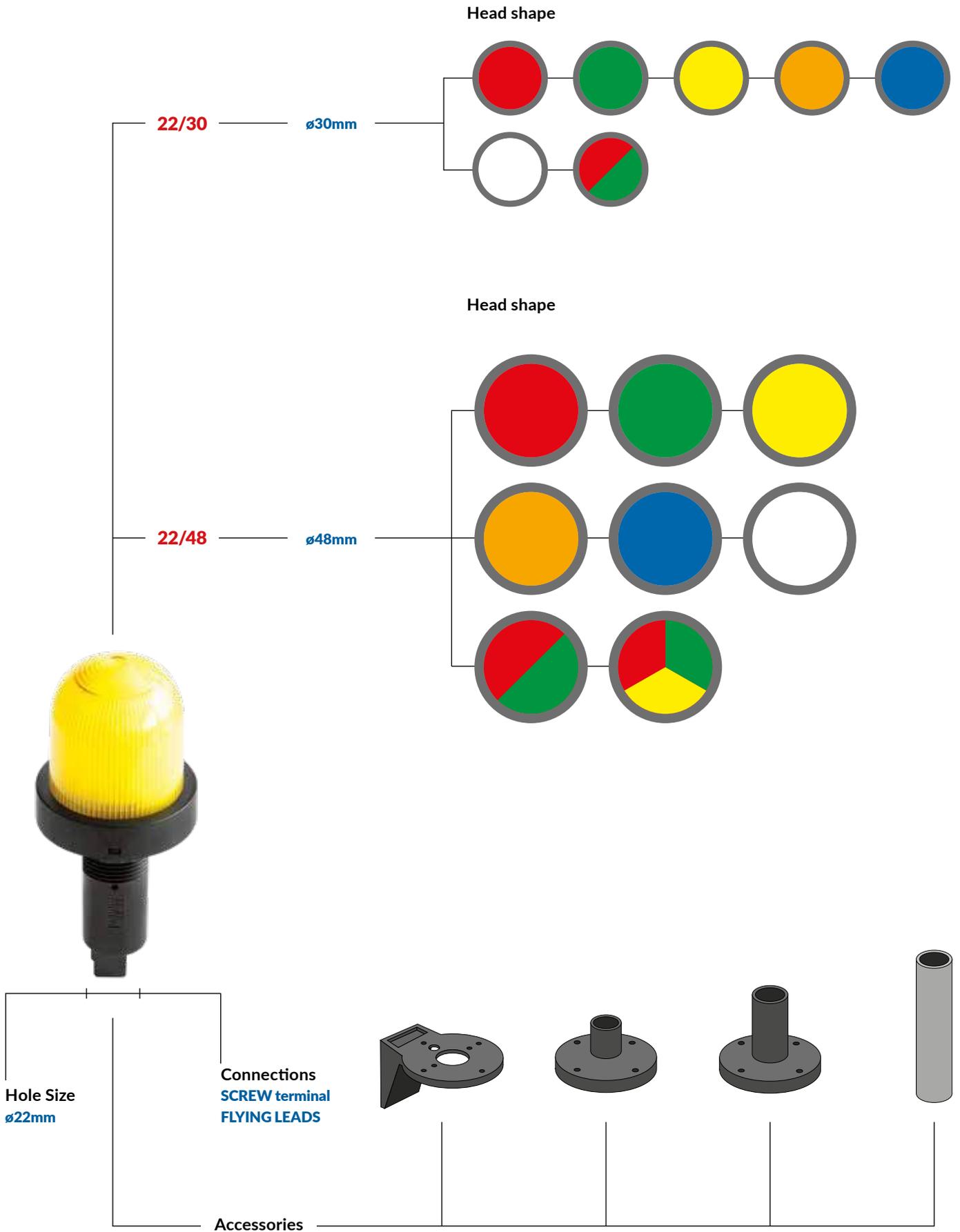
Flying Leads

Monocolor



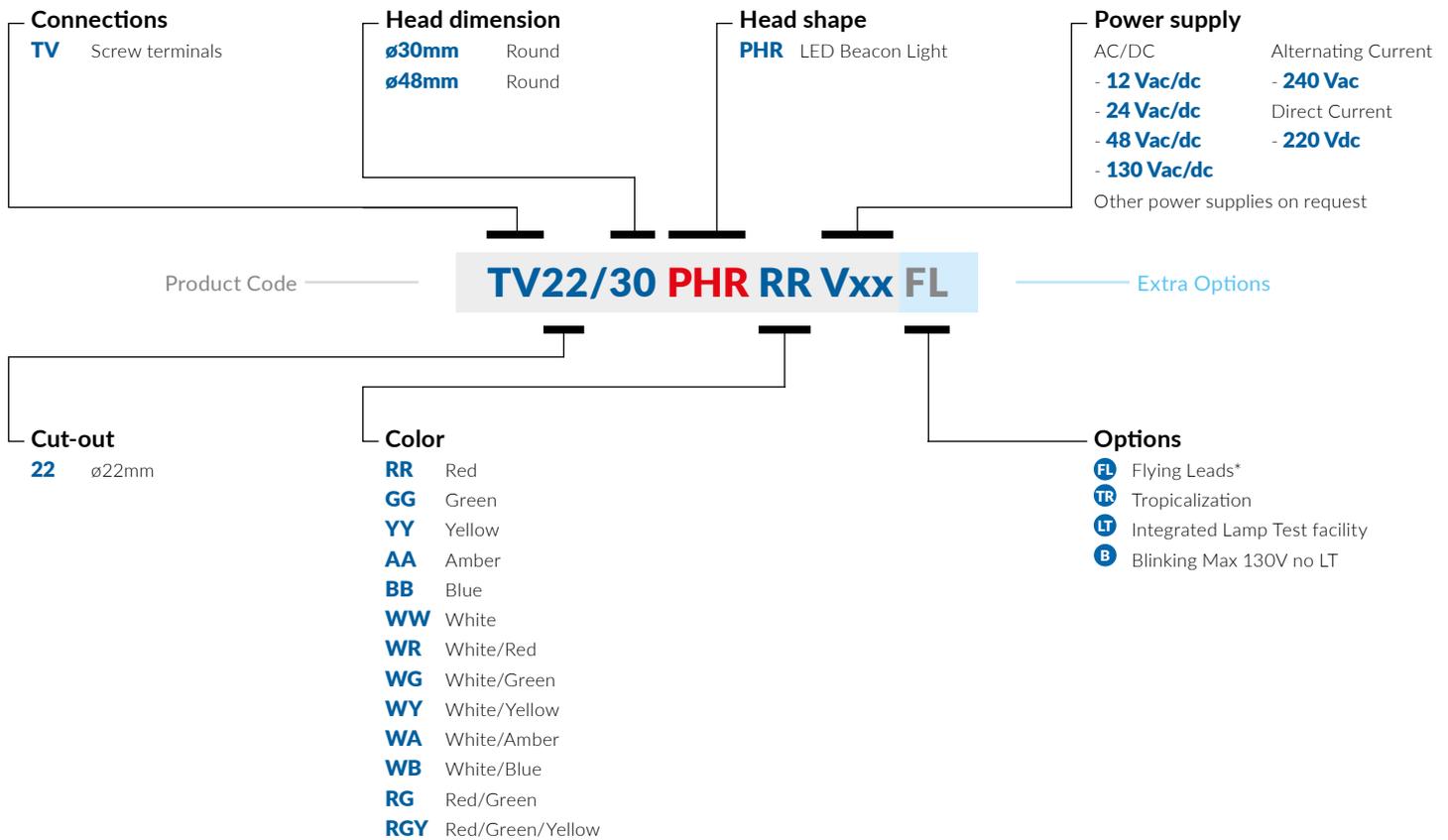
Bicolor





Series PHR - \varnothing 22mm

Coding





TV22/30
 Head Ø30mm
 Cut-out Ø22
 LED diffuser: Ø23mm
 Weight 20g



TV22/48
 Head Ø48mm
 Cut-out Ø22
 LED diffuser: Ø39mm
 Weight 41g



Colors

LED diffuser	LED
--------------	-----

Standard type

● Red	● Red	TV22/30 PHR RR Vxx	TV22/48 PHR RR Vxx
● Green	● Green	TV22/30 PHR GG Vxx	TV22/48 PHR GG Vxx
● Yellow	● Yellow	TV22/30 PHR YY Vxx	TV22/48 PHR YY Vxx
● Amber	● Amber	TV22/30 PHR AA Vxx	TV22/48 PHR AA Vxx
● Blue	● Blue	TV22/30 PHR BB Vxx	TV22/48 PHR BB Vxx
○ White	○ White	TV22/30 PHR WW Vxx	TV22/48 PHR WW Vxx
		FL TR LT B Max 130V no LT	FL TR LT B Max 130V no LT No 12V
○ White	● Red	TV22/30 PHR WR Vxx	TV22/48 PHR WR Vxx
○ White	● Green	TV22/30 PHR WG Vxx	TV22/48 PHR WG Vxx
○ White	● Yellow	TV22/30 PHR WY Vxx	TV22/48 PHR WY Vxx
○ White	● Amber	TV22/30 PHR WA Vxx	TV22/48 PHR WA Vxx
○ White	● Blue	TV22/30 PHR WB Vxx	TV22/48 PHR WB Vxx
		FL TR LT B Max 130V no LT	FL TR LT B Max 130V no LT No 12V

Bicolor, Tricolor and Multicolor

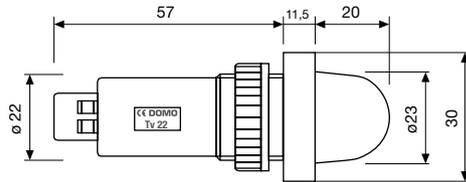
○ White	● Red/Green	TV22/30 PHR RG Vxx	TV22/48 PHR RG Vxx
○ White	● Red/Green/Yellow	-	TV22/48 PHR RGY Vxx
		FL TR	FL TR No 12V

Series PHR - $\varnothing 22\text{mm}$

Dimensions and wiring

TV22/30 PHR

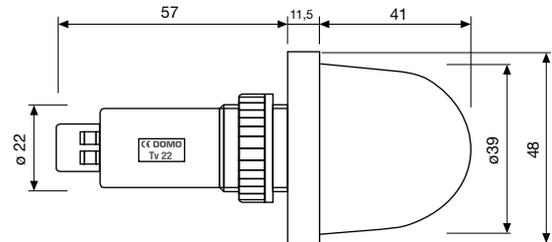
Dimensions mm 1:2



board thickness 10 mm
clamping: threaded nut

TV22/48 PHR

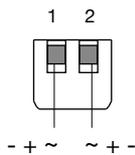
Dimensions mm 1:2



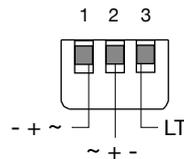
board thickness 10 mm
clamping: threaded nut

Screw terminal 14 AWG - 2,5mmq

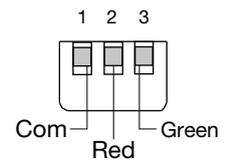
Monocolor



Monocolor + Lamp Test (LT)

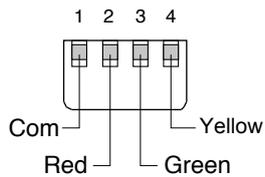


Bicolor



Screw terminal 16 AWG - 0,75 ÷ 1,0mmq

Tricolor

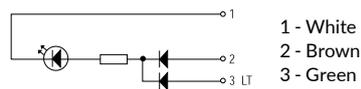


Flying Leads

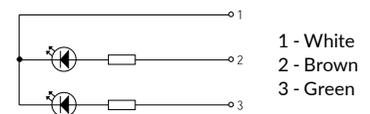
Monocolor



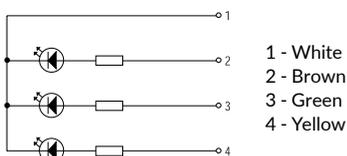
Monocolor + Lamp Test (LT)



Bicolor



Tricolor





Wall mounting bracket for
 • \varnothing 22mm indicators
 • base for tube
 • base for \varnothing 22mm indicators
 Weight 19g



ABR 70 1

Base for \varnothing 26mm tube
 Weight 19g



ABS70 TB

\varnothing 26mm aluminium tube,
 for \varnothing 22mm indicators
 Length to be specified

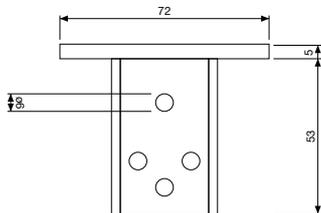
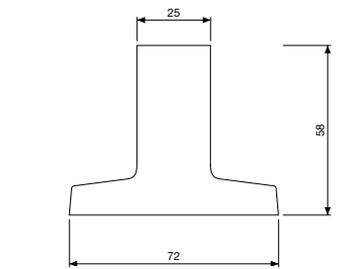
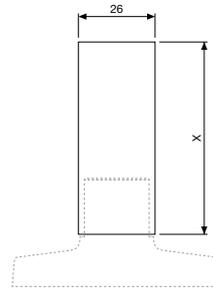
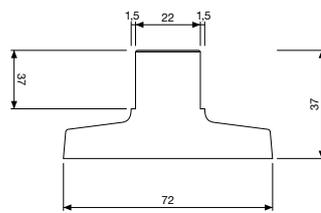
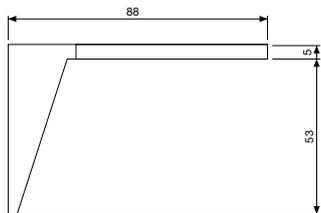
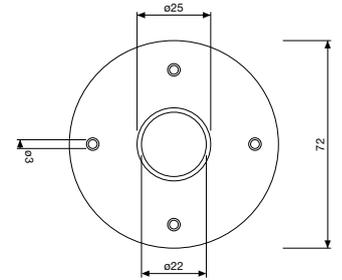
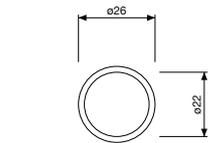
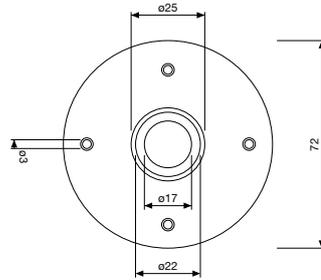
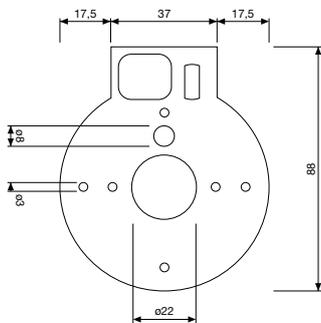


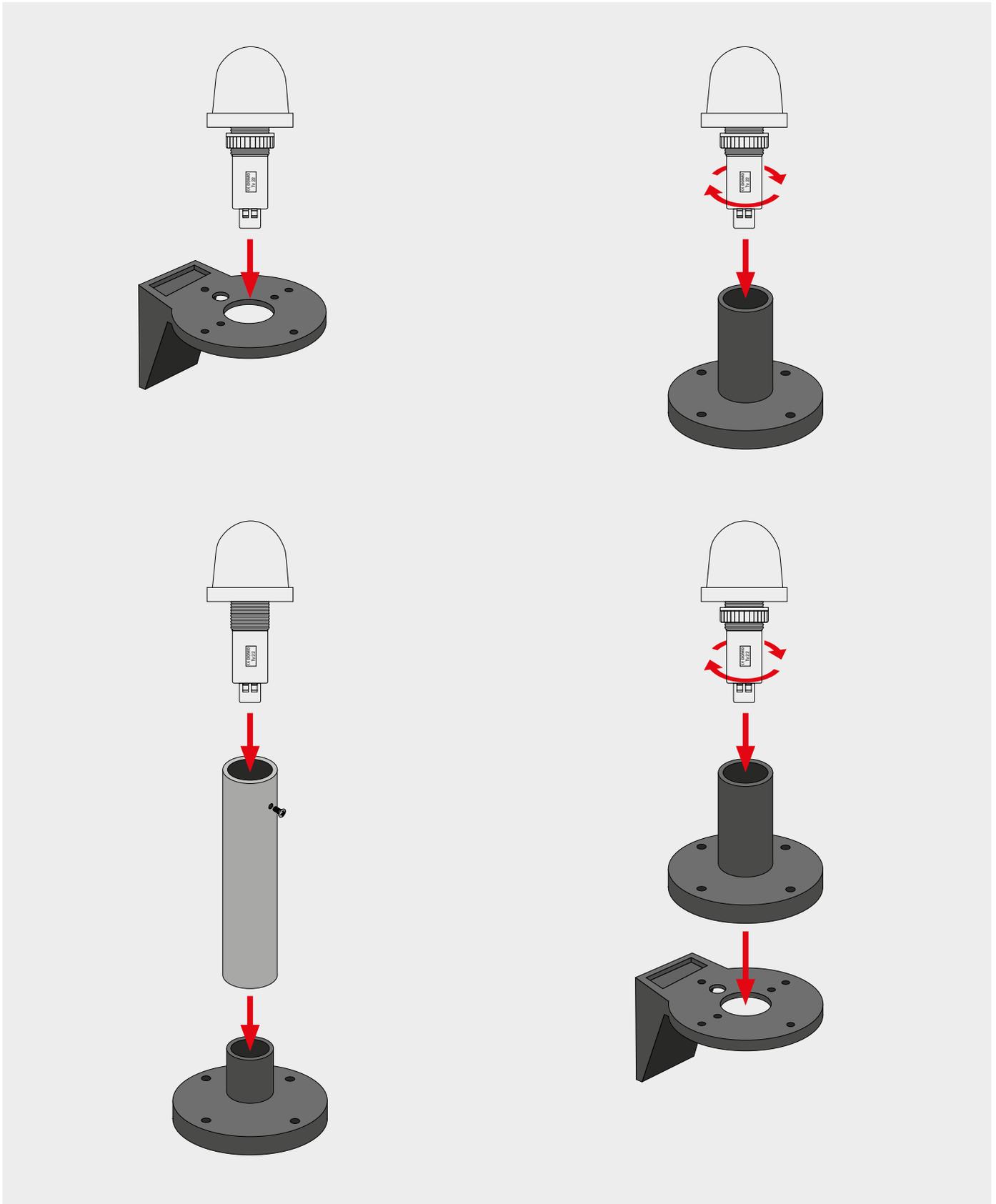
ABS70 TR22 X

Base for \varnothing 22mm indicators
 Weight 21g



ABS70 22D





Attention! Screw and plastic ring protection included.



LED Indicators

Stack Lights with LEDs

Series TWR

Series TWR

Technical features

Body material: **Polycarbonate (PC) V0/UL 94**
 Body colour: **Black**
 Lens: **Polycarbonate**
 Protection degree: **IP65**
NEMA 4X
 Working temperature: **-20°C +60°C**
 Operating life at AT 25°C: **100.000 h**
LEDs not replaceable
Modules not detachable



Integrated Rectifier Bridge to work in Alternating Current (AC) or Direct Current (DC), automatically.



Easy to connect thanks to the Screw terminals or Flying Leads.

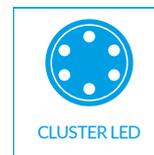
Supply voltage +/- 10%

Power	Consumption	Current
24 Vac/dc	15-20mA	AC/DC
48 Vac/dc	15-20mA	AC/DC
130 = 110-130 Vac/dc (Not available for all versions)	15-20mA	AC/DC
240 Vac (Not available for all versions)	15mA	Alternating Current
220 Vdc (Not available for all versions)	9mA	Direct Current

Other power supplies on request



Tropicalization treatment available on request.



Optional Blinking Light. Extra bright visibility even with sunlight thanks to the powerful Cluster LED.

Compliance:

Directive 2006/95/EC Low Voltage

Directive 2004/108/EC Electromagnetic Compatibility

Directive 2011/65/EC RhOS

Directive 2006/42/EC Machinery

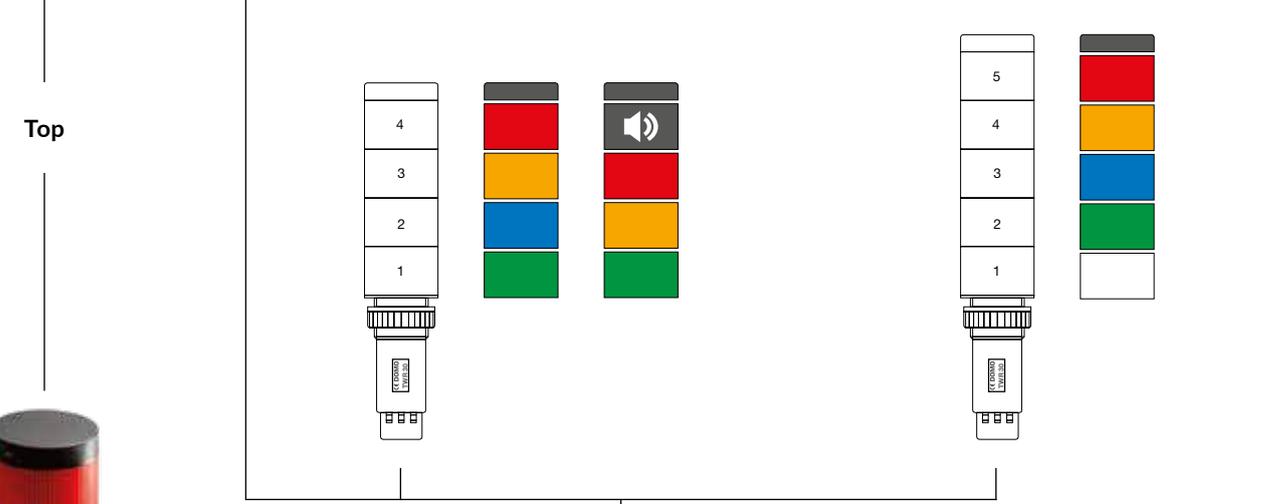
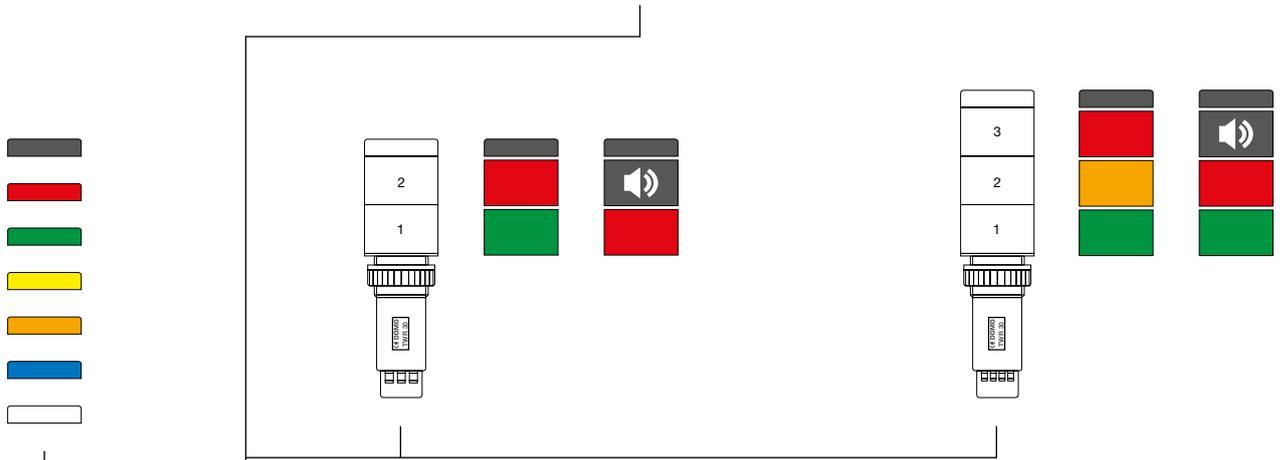
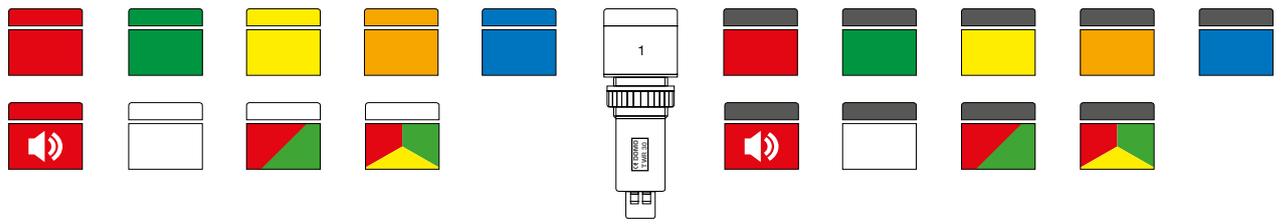
Conformity to standards:

EN 60947.5.1 / EN 60073 / EN 60529 / EN 60068-2-6 /

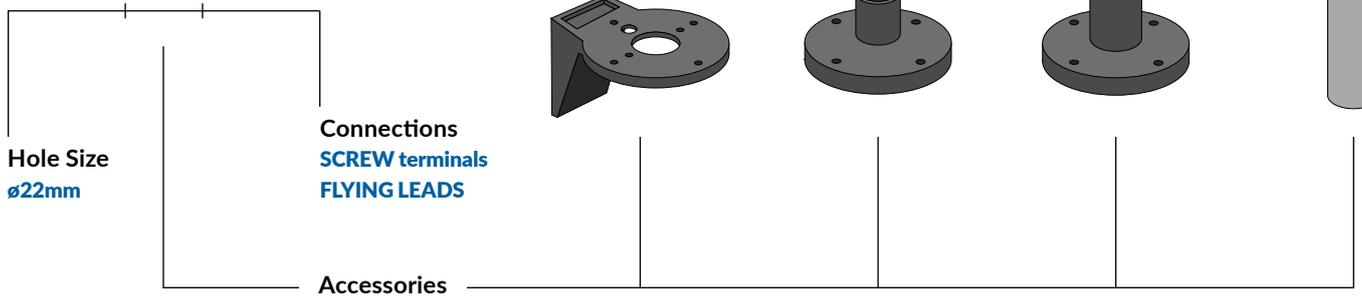
EN 60204.1 / EN ISO 7731 / EN 981 / IEC 536

Customs tariff: **85389091**

DOMO reserves the right to change, amend, modify, suspend, continue or terminate all or any part of the Product range either in an individual case or in general, at any time without notice.



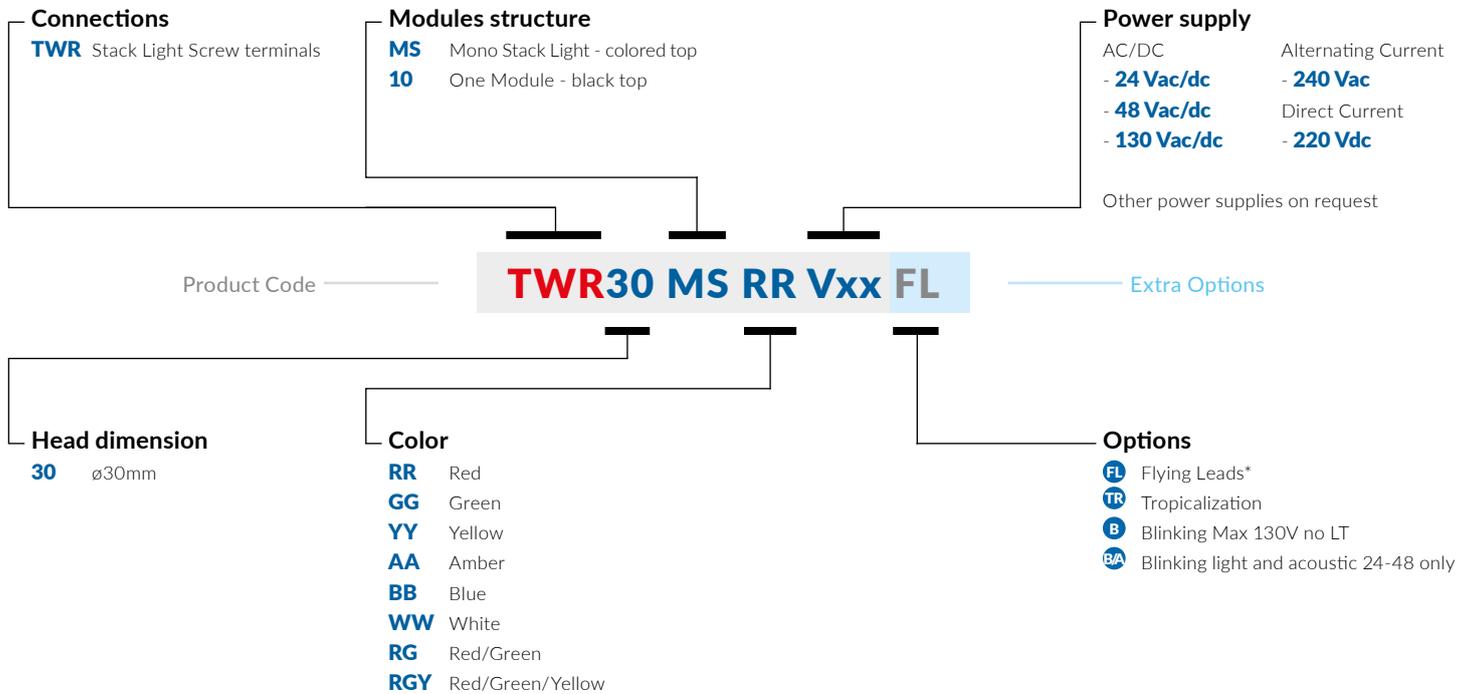
Modules



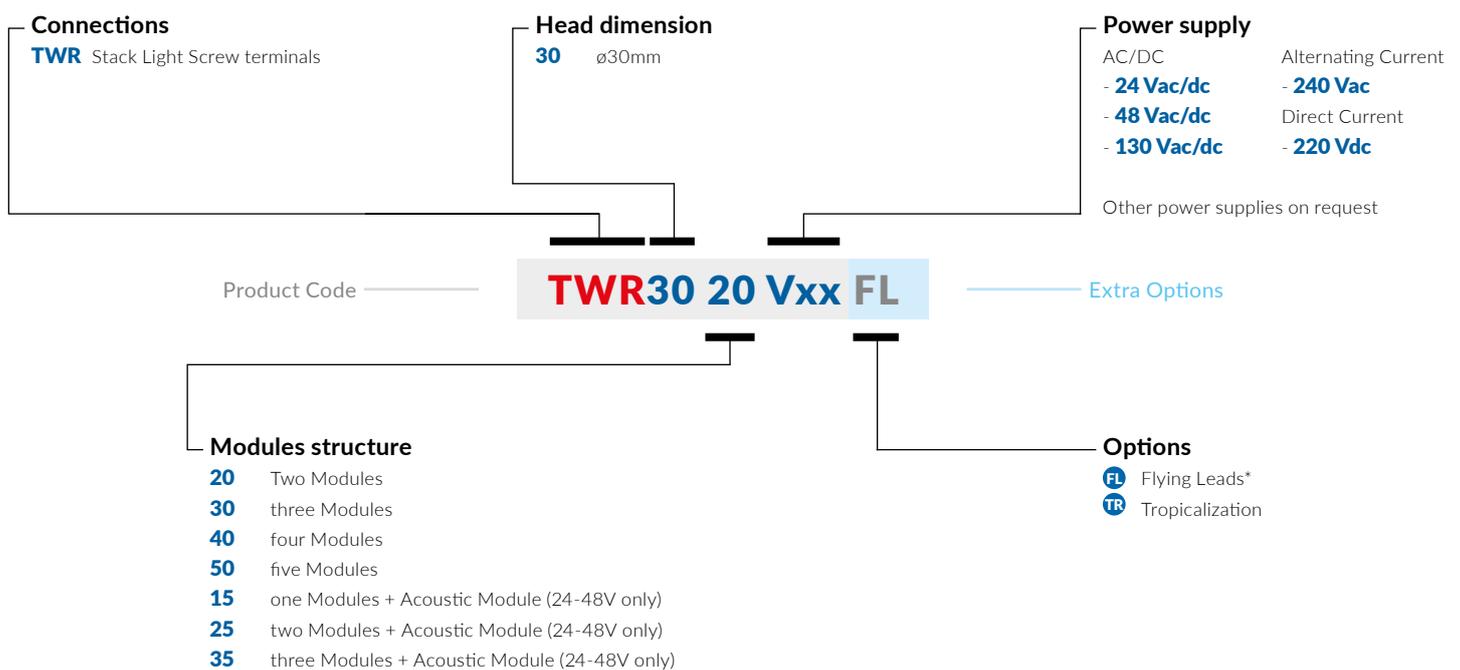
Series TWR - ø22mm

Coding

Mono-Stack Light / One Module Stack Light



Multi Modules Stack Light preassembled



Please see product range section for the feasibility. Special version on request.

* Please contact our sales office to define details.



TWR30 MS
Head Ø30mm
Cut-out Ø22
Weight 20g



TWR30
Head Ø30mm
Cut-out Ø22
Weight 20g



Colors

LED diffuser

LED

● Red

● Green

● Yellow

● Amber

● Blue

○ White

● Red

● Green

● Yellow

● Amber

● Blue

○ White

TWR30 MS RR Vxx

TWR30 MS GG Vxx

TWR30 MS YY Vxx

TWR30 MS AA Vxx

TWR30 MS BB Vxx

TWR30 MS WW Vxx

TWR30 10 RR Vxx

TWR30 10 GG Vxx

TWR30 10 YY Vxx

TWR30 10 AA Vxx

TWR30 10 BB Vxx

TWR30 10 WW Vxx

FL TR B Max 130V BA 24-48V only

FL TR B Max 130V BA 24-48V only

Bicolor, Tricolor

○ White

○ White

● Red/Green

● Red/Green/Yellow

TWR30 MS RG Vxx

TWR30 MS RGY Vxx

TWR30 10 RG Vxx

TWR30 10 RGY Vxx

FL TR

FL TR

Series TWR - Ø22mm

Product range

preassembled

TWR30
Head Ø30mm
Cut-out Ø22
Weight 30g



-
-
-
Module 2 ● Red
Module 1 ● Green
TWR30 20 Vxx



TWR30
Head Ø30mm
Cut-out Ø22
Weight 40g



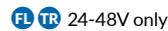
-
-
Module 3 ● Red
Module 2 ● Amber
Module 1 ● Green
TWR30 30 Vxx



TWR30
Head Ø30mm
Cut-out Ø22
Weight 50g



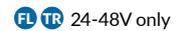
-
Module 4 ● Red
Module 3 ● Amber
Module 2 ● Blue
Module 1 ● Green
TWR30 40 Vxx



TWR30
Head Ø30mm
Cut-out Ø22
Weight 60g



Module 5 ● Red
Module 4 ● Amber
Module 3 ● Blue
Module 2 ● Green
Module 1 ○ White
TWR30 50 Vxx



TWR30
Head Ø30mm
Cut-out Ø22
Weight 31g



-
-
Module 2 Acoustic
Module 1 ● Red
TWR30 15 Vxx



TWR30
Head Ø30mm
Cut-out Ø22
Weight 41g



-
Module 3 Acoustic
Module 2 ● Red
Module 1 ● Green
TWR30 25 Vxx



TWR30
Head Ø30mm
Cut-out Ø22
Weight 51g



Module 4 Acoustic
Module 3 ● Red
Module 2 ● Amber
Module 1 ● Green
TWR30 35 Vxx

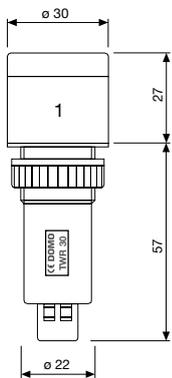


Modules + Acoustic Module



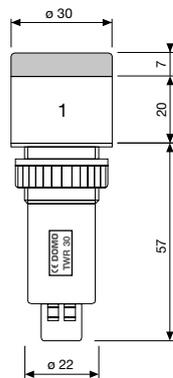
TWR30 MS

Dimensions mm 1:2



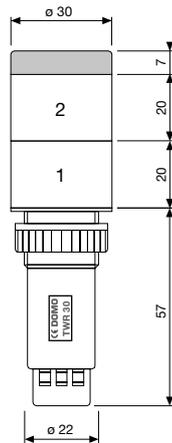
TWR30 - 1 mod.

Dimensions mm 1:2



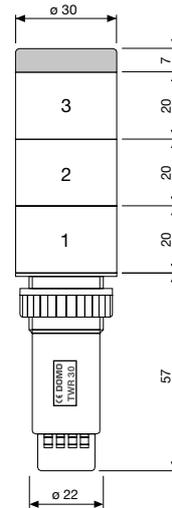
TWR30 - 2 mod.

Dimensions mm 1:2



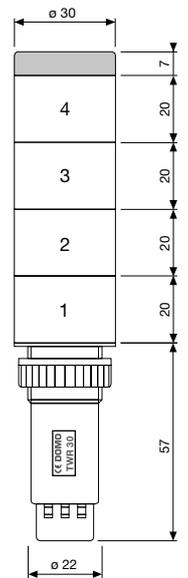
TWR30 - 3 mod.

Dimensions mm 1:2



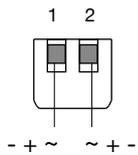
TWR30 - 4 mod.

Dimensions mm 1:2

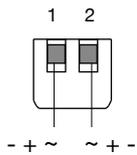


Screw terminal
14 AWG 2,5mmq

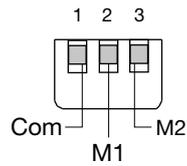
Monocolor



1 Module

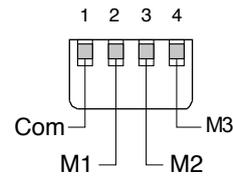


2 Modules

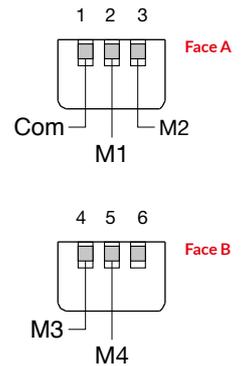


Screw terminal
16 AWG 0,75 ÷ 1,0mmq

3 Modules

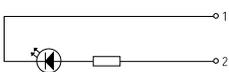


4 Modules

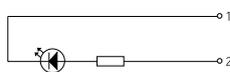


Flying Leads

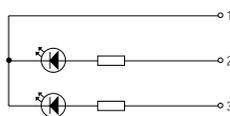
Monocolor



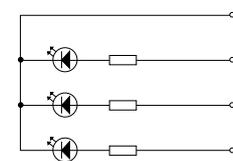
1 Module



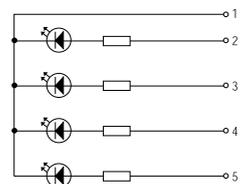
2 Modules



3 Modules



4 Modules



1 - White
2 - Brown

1 - White
2 - Brown

1 - White
2 - Brown
3 - Green

1 - White
2 - Brown
3 - Green
4 - Yellow

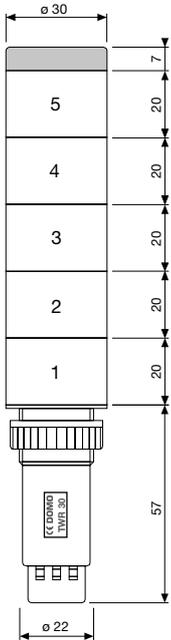
1 - White
2 - Brown
3 - Green
4 - Yellow
5 - Grey

Series TWR - ø22mm

Dimensions and wiring

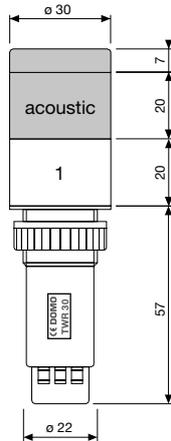
TWR30 - 5 mod.

Dimensions mm 1:2



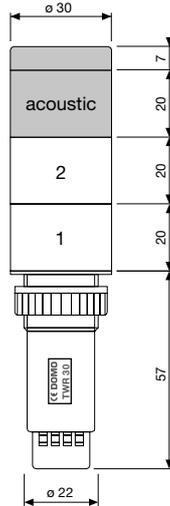
TWR30 - 1 mod. + Ac.

Dimensions mm 1:2



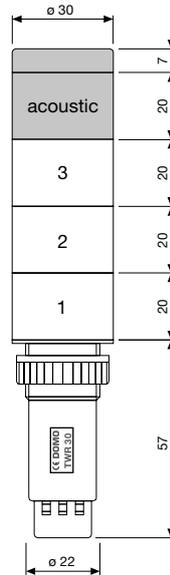
TWR30 - 2 mod. + Ac.

Dimensions mm 1:2



TWR30 - 3 mod. + Ac.

Dimensions mm 1:2



Screw terminal
14 AWG 2,5mmq

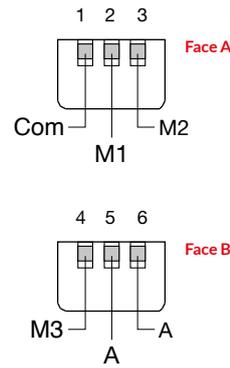
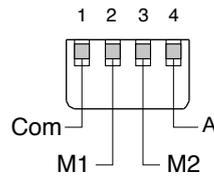
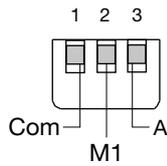
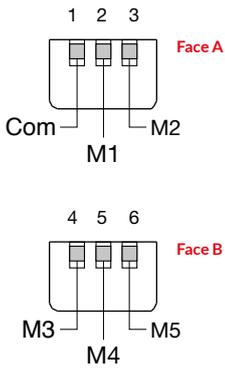
Screw terminal
16 AWG 0,75 ÷ 1,0mmq

5 Modules

1 Mod. + Acoustic Mod.

2 Mod. + Acoustic Mod.

3 Mod. + Acoustic Mod.

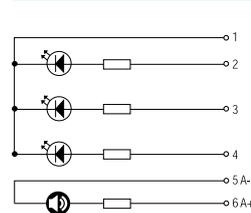
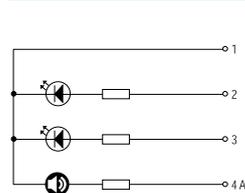
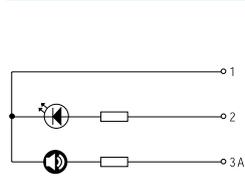
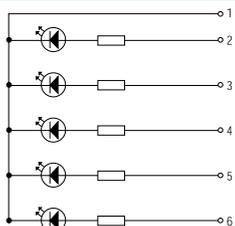


5 Modules

1 Mod. + Acoustic Mod.

2 Mod. + Acoustic Mod.

3 Mod. + Acoustic Mod.



- 1 - White
- 2 - Brown
- 3 - Green
- 4 - Yellow
- 5 - Grey
- 6 - Pink

- 1 - White
- 2 - Brown
- 3 - Green

- 1 - White
- 2 - Brown
- 3 - Green
- 4 - Yellow

- 1 - White
- 2 - Brown
- 3 - Green
- 4 - Yellow
- 5 - Grey
- 6 - Pink



Wall mounting bracket for
 • $\varnothing 22\text{mm}$ indicators
 • base for tube
 • base for $\varnothing 22\text{mm}$ indicators
 Weight 19g



ABR 70 1

Base for $\varnothing 26\text{mm}$ tube
 Weight 19g



ABS70 TB

$\varnothing 26\text{mm}$ aluminium tube,
 for $\varnothing 22\text{mm}$ indicators
 Length to be specified

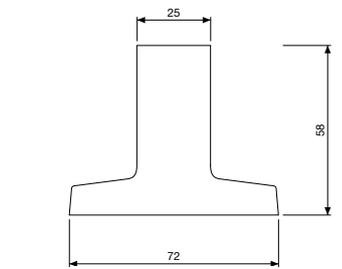
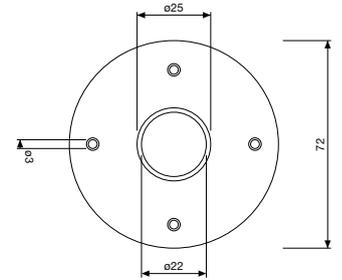
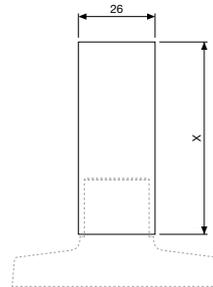
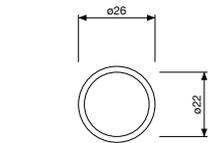
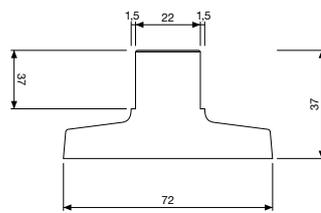
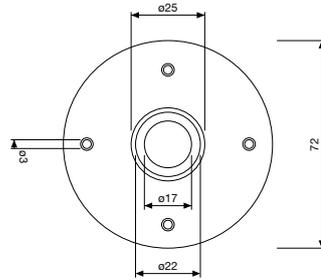
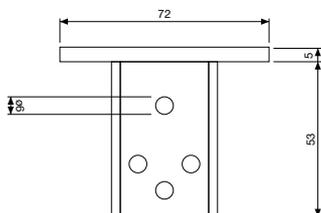
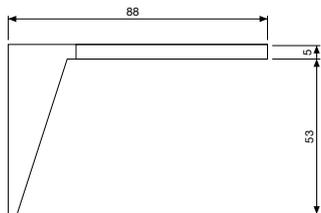
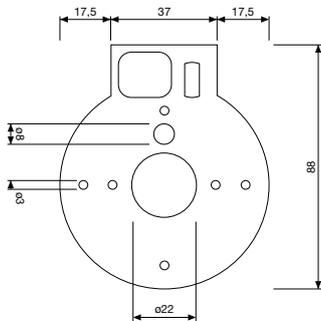


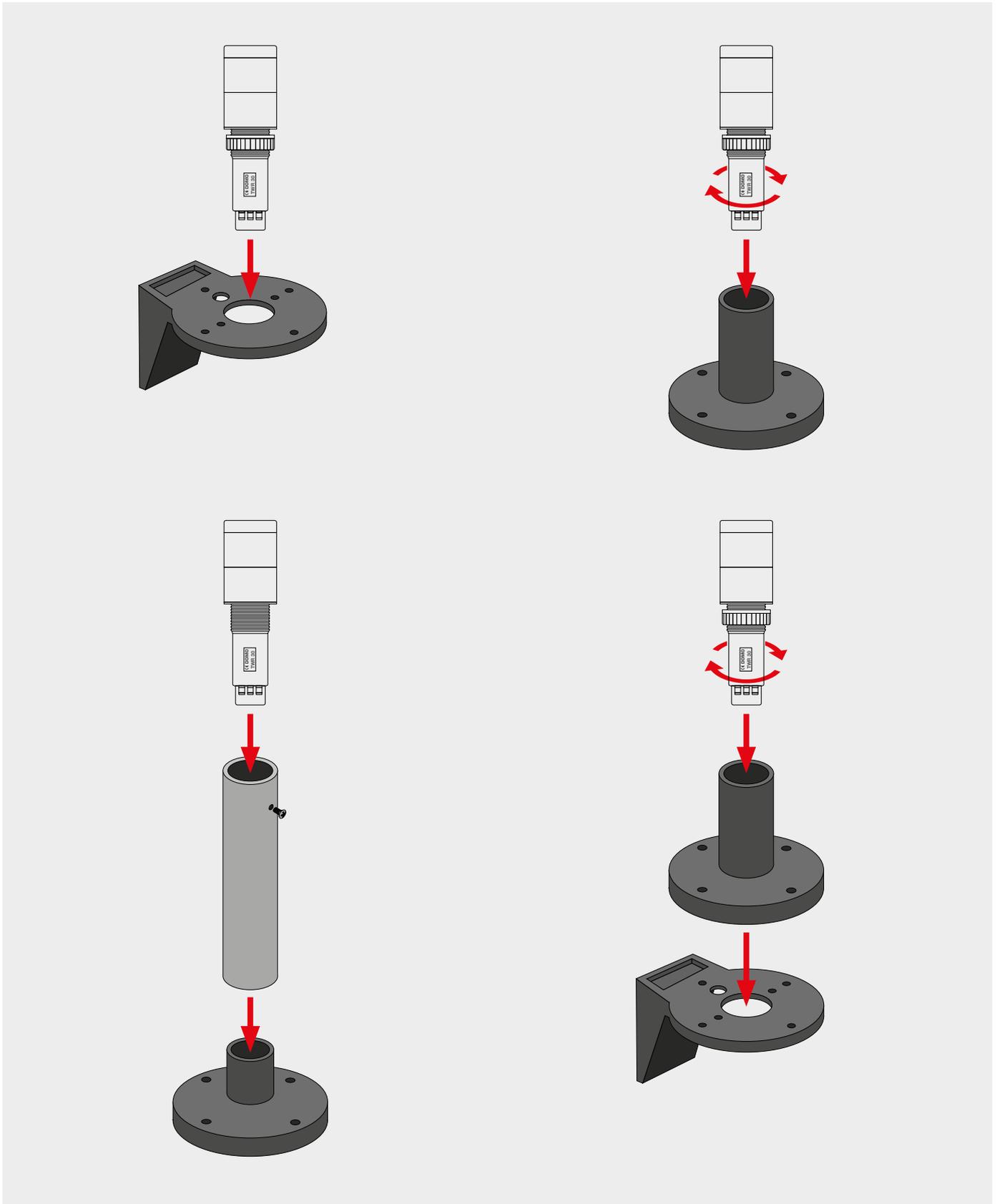
ABS70 TR22 X

Base for $\varnothing 22\text{mm}$ indicators
 Weight 21g



ABS70 22D





Attention! Screw and plastic ring protection included.



LED Indicators

Pilot Lights with integrated LED

Series CX and DX

Series CX and DX

Technical features

Body material: **Polycarbonate (PC) V0/UL 94**
 Body colour: **Black**
 Protection degree: **IP54**
 Working temperature: **-20°C +60°C**
 Operating life at AT 25°C: **> 100.000 h**
Not replaceable LEDs



Supply voltage +/- 10%

Power	Consumption	Current
12 Vac/dc	15-20mA	AC/DC
24 Vac/dc	15-20mA	AC/DC
48 Vac/dc	15-20mA	AC/DC
130 = 110-130 Vac/dc	15-20mA	AC/DC
240 Vac	15mA	Alternating Current
220 Vdc	9mA	Direct Current

Other power supplies on request



Available with integrated Lamp Test circuit (LT), to test all signals at once.



Integrated link for an easy wiring solution with 2.5mmq wires.



Tropicalization treatment available on request.



Easy to connect thanks to the Screw terminals or Flying Leads.



Optional Blinking Light (Max 130V). High brightness thanks to the special Fresnel lens.



Screw head interchangeable with different colors.

Customs tariff: **85389091**

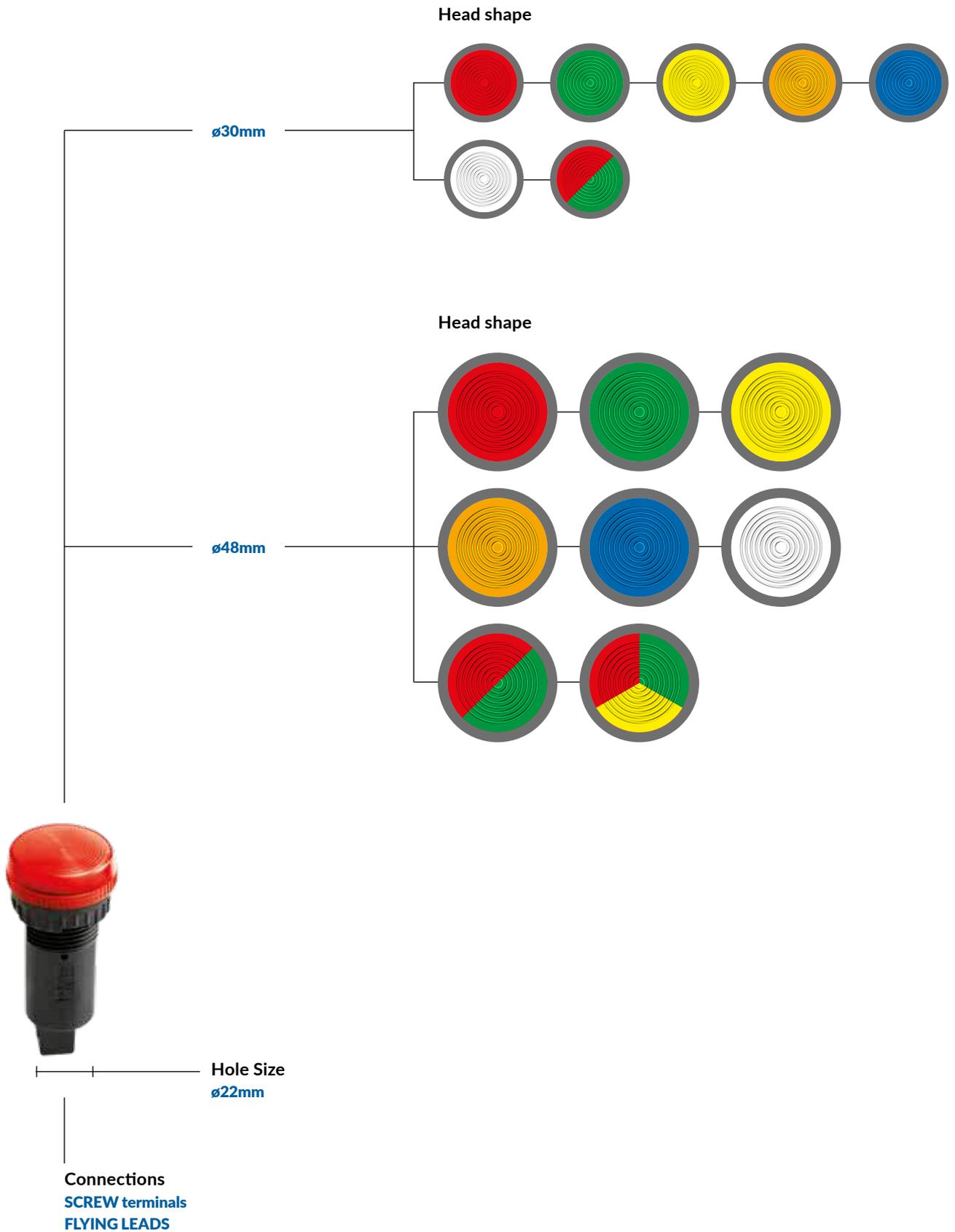
DOMO reserves the right to change, amend, modify, suspend, continue or terminate all or any part of the Product range either in an individual case or in general, at any time without notice.

Compliance:

- Directive 2006/95/EC Low Voltage**
- Directive 2004/108/EC Electromagnetic Compatibility**
- Directive 2011/65/EC RhOS**
- Directive 2006/42/EC Machinery**

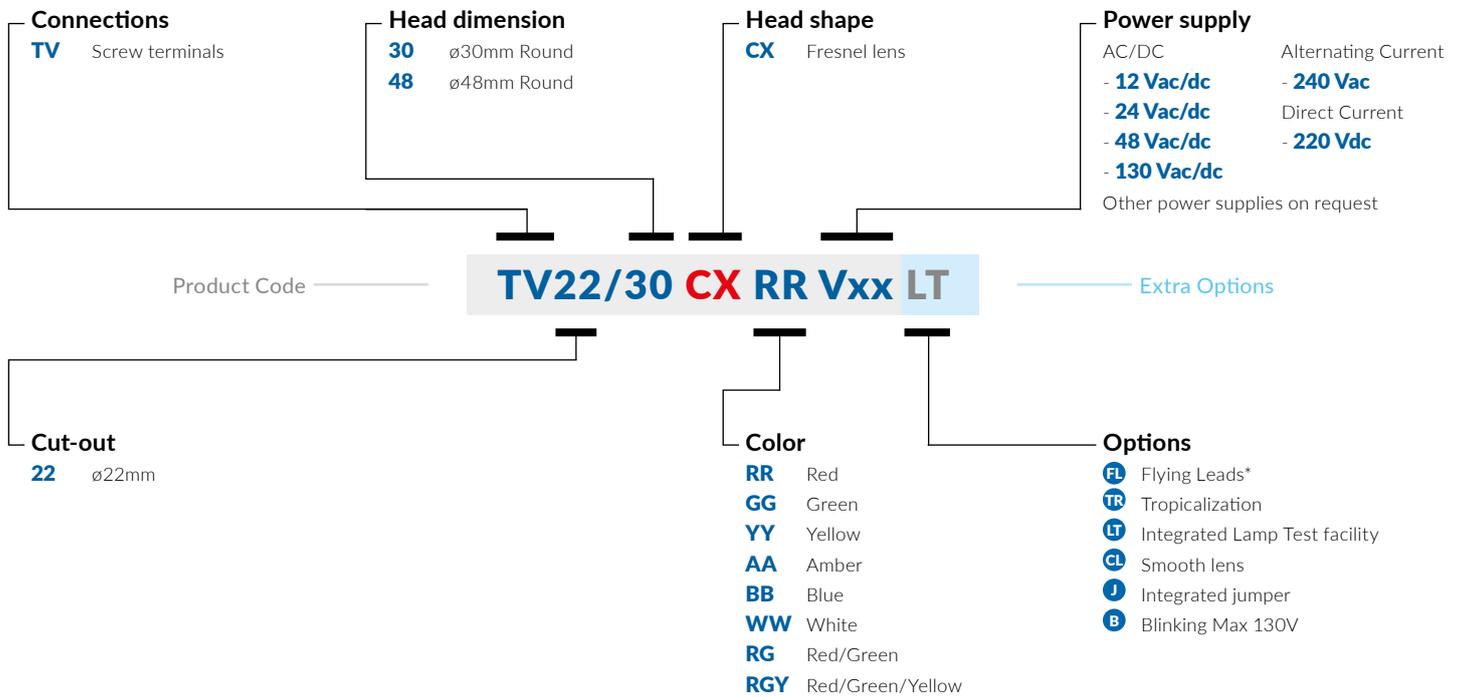
Conformity to standards:

- EN 60947.5.1 / EN 60073 / EN 60529 / EN 60068-2-6 / EN 60204.1 / EN ISO 7731 / EN 981 / IEC 536**



Series CX - ø22mm

Coding





Series CX - ø22mm

Product range

ø30
Head ø30mm
Cut-out ø22
Weight 16g



ø48
Head ø48mm
Cut-out ø22
Weight 25g



Colors

LED diffuser | LED

Standard type

● Red	● Red	TV22/30 CX RR Vxx	TV22/48 CX RR Vxx
● Green	● Green	TV22/30 CX GG Vxx	TV22/48 CX GG Vxx
● Yellow	● Yellow	TV22/30 CX YY Vxx	TV22/48 CX YY Vxx
● Amber	● Amber	TV22/30 CX AA Vxx	TV22/48 CX AA Vxx
● Blue	● Blue	TV22/30 CX BB Vxx	TV22/48 CX BB Vxx
○ White	○ White	TV22/30 CX WW Vxx	TV22/48 CX WW Vxx
		FL TR LT CL J B Max 130V	FL TR LT CL J B Max 130V No 12V

Bicolor and Tricolor

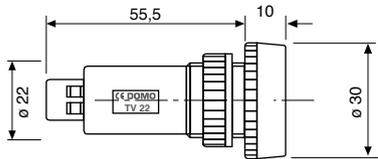
○ White	● Red/Green	TV22/30 CX RG Vxx	TV22/48 CX RG Vxx
○ White	● Red/Green/Yellow	-	TV22/48 CX RGY Vxx
		FL TR CL	FL TR No 12V

Series CX - ø22mm

Dimensions and wiring

TV22/30 CX

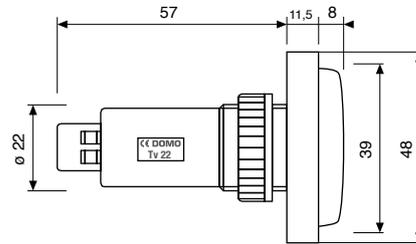
Dimensions mm 1:2



board thickness 10 mm
clamping: threaded nut

TV22/48 CX

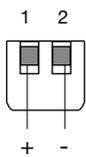
Dimensions mm 1:2



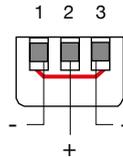
board thickness 10 mm
clamping: threaded nut

Screw terminal 14 AWG - 2,5mmq

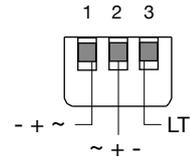
Monocolor



Monocolor + Jumper

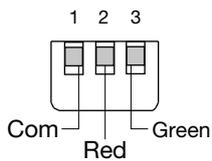


Monocolor + Lamp Test (LT)



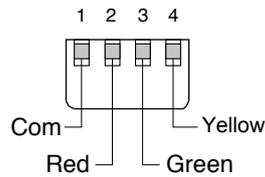
Screw terminal 14 AWG - 2,5mmq

Bicolor



Screw terminal 16 AWG - 0,75 ÷ 1,0mmq

Tricolor

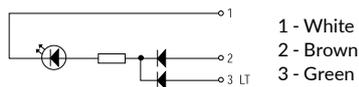


Flying Leads

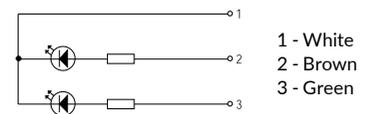
Monocolor



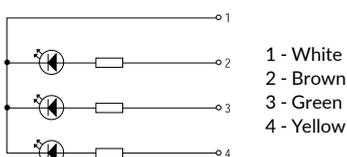
Monocolor + Lamp Test (LT)



Bicolor

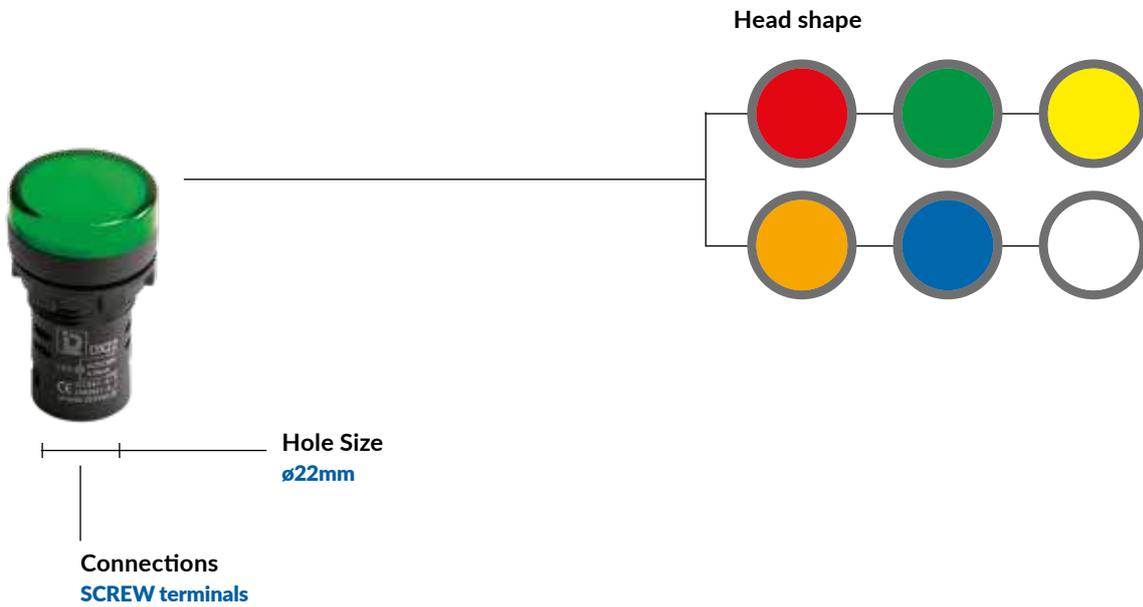


Tricolor

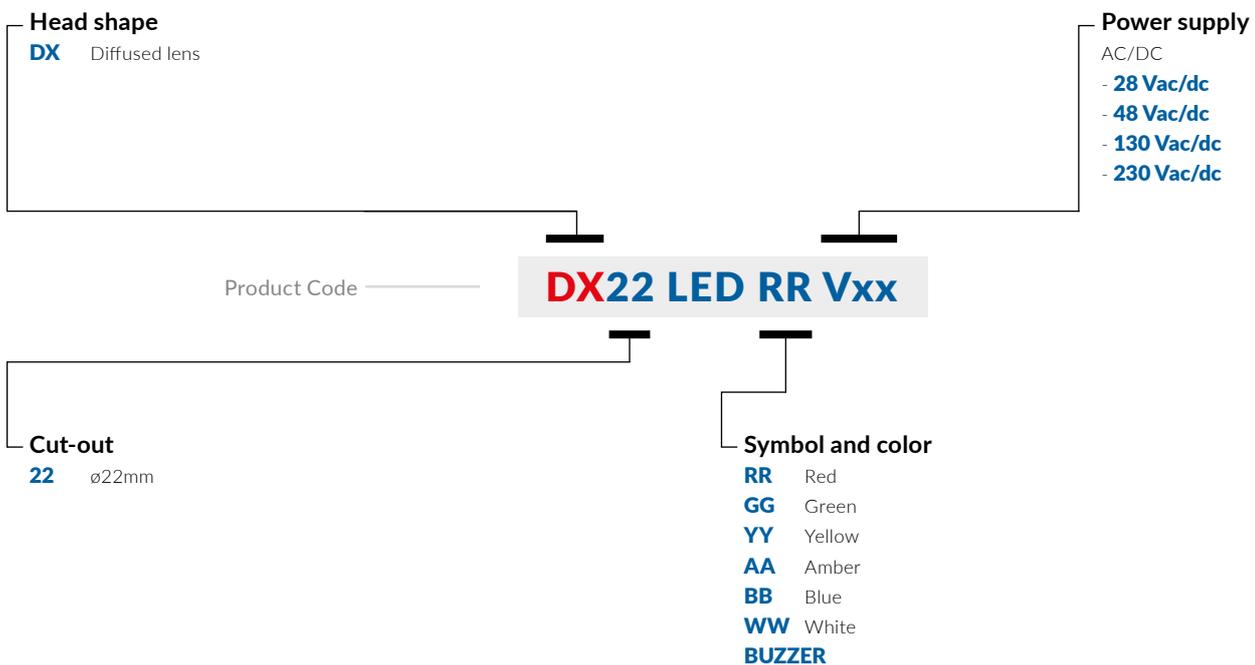




Series DX - ø22mm



Series DX - ø22mm



Series DX - $\varnothing 22\text{mm}$

Product range

$\varnothing 30$
 Head $\varnothing 30\text{mm}$
 Cut-out $\varnothing 22$
 Weight 20g



Colors

LED diffuser	LED
--------------	-----

Standard type

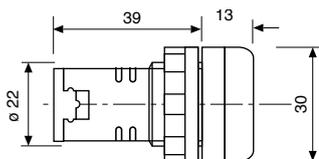
● Red	● Red	DX22 LED RR Vxx
● Green	● Green	DX22 LED GG Vxx
● Yellow	● Yellow	DX22 LED YY Vxx
● Amber	● Amber	DX22 LED AA Vxx
● Blue	● Blue	DX22 LED BB Vxx
○ White	○ White	DX22 LED WW Vxx

Series DX - $\varnothing 22\text{mm}$

Dimensions and wiring

DX

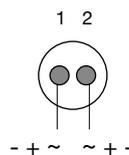
Dimensions mm 1:2



board thickness 10 mm
 clamping: threaded nut

Screw terminal 14 AWG - 2,5mmq

Monocolor or Buzzer





LED Indicators

Flat LED display

Series P

Series P

Technical features

Body material: **Polycarbonate (PC) V0/UL 94**
 Body colour: **Black**
 Protection degree: **IP54**
 Working temperature: **-20°C +60°C**
 Operating life at AT 25°C: **> 100.000 h**
Not replaceable LEDs



Available with integrated Lamp Test circuit (LT), to test all signals at once.

Supply voltage +/- 10%

Power	Consumption	Current
12 Vac/dc	15-20mA	AC/DC
24 Vac/dc	15-20mA	AC/DC
48 Vac/dc	15-20mA	AC/DC
130 = 110-130 Vac/dc	15-20mA	AC/DC
240 Vac	15mA	Alternating Current
220 Vdc	9mA	Direct Current

Other power supplies on request



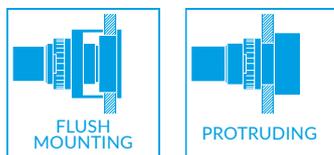
Integrated Rectifier Bridge to work in Alternating Current (AC) or Direct Current (DC), automatically.



Customer can choose the LED color and the text or symbols inside the diffuser.



Easy to connect thanks to the Faston terminals 2.8mm x 0.8mm, Screw terminals or Flying Leads.



B type solution with low-profile Flush Mounting, to limit the external dimensions and improve the design of the panel.



Available with Inbuilt Diode (PD) to avoid reverse feeding and Tropicalization treatment.

Customs tariff: **85389091**

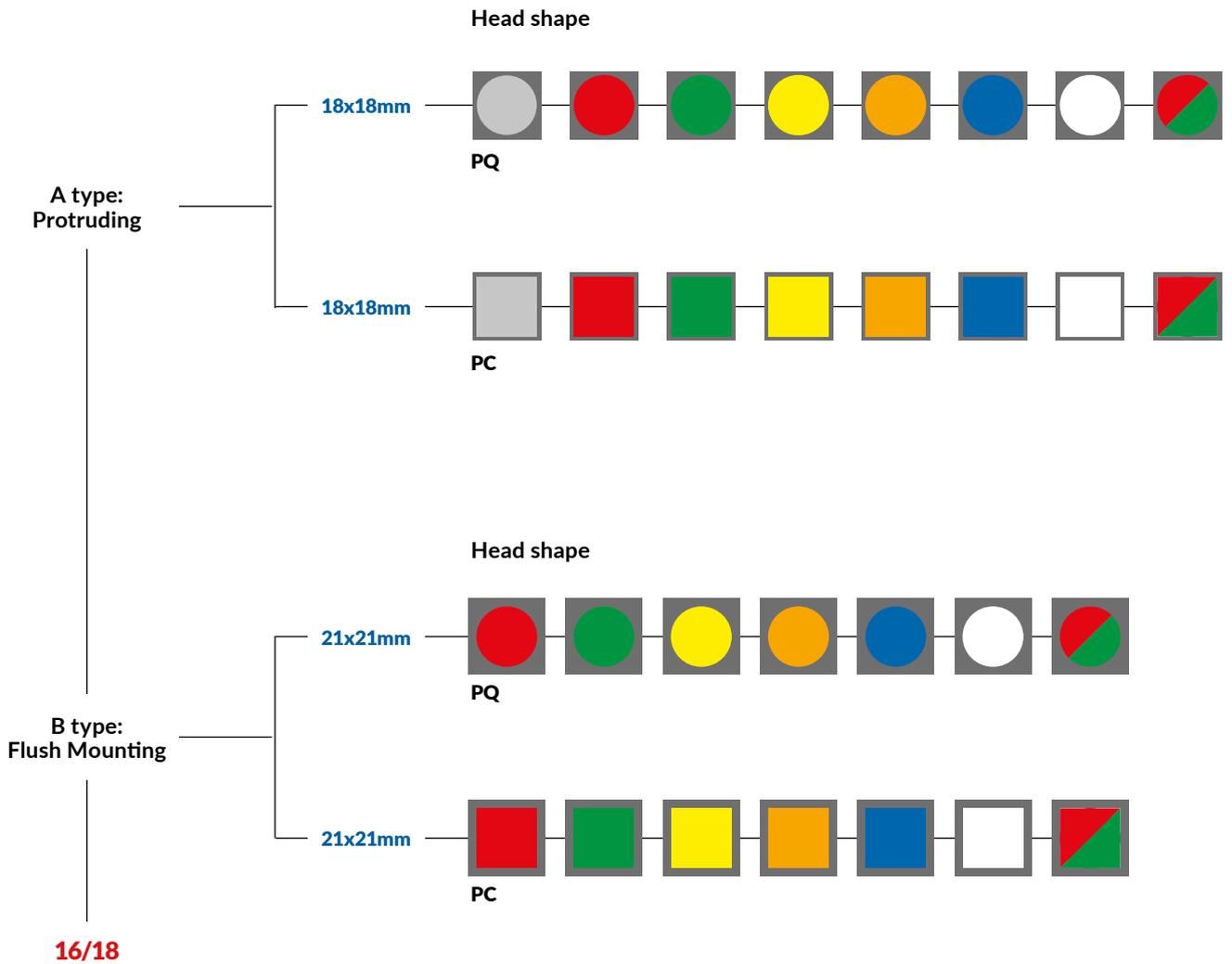
DOMO reserves the right to change, amend, modify, suspend, continue or terminate all or any part of the Product range either in an individual case or in general, at any time without notice.

Compliance:

Directive 2006/95/EC Low Voltage
Directive 2004/108/EC Electromagnetic Compatibility
Directive 2011/65/EC RhOS
Directive 2006/42/EC Machinery

Conformity to standards:

EN 60947.5.1 / EN 60073 / EN 60529 / EN 60068-2-6 / EN 60204.1 / EN ISO 7731 / EN 981 / IEC 536



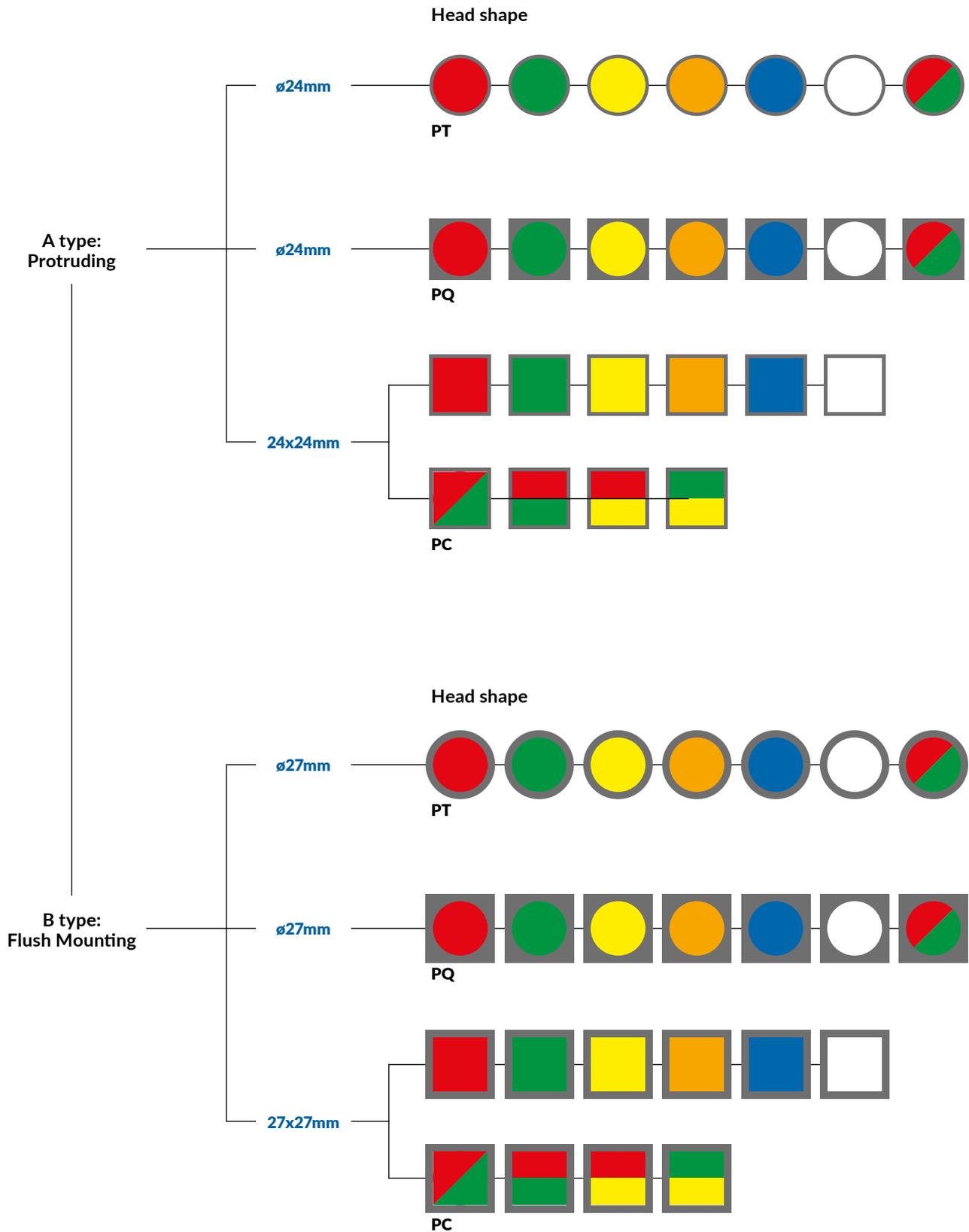
16/18

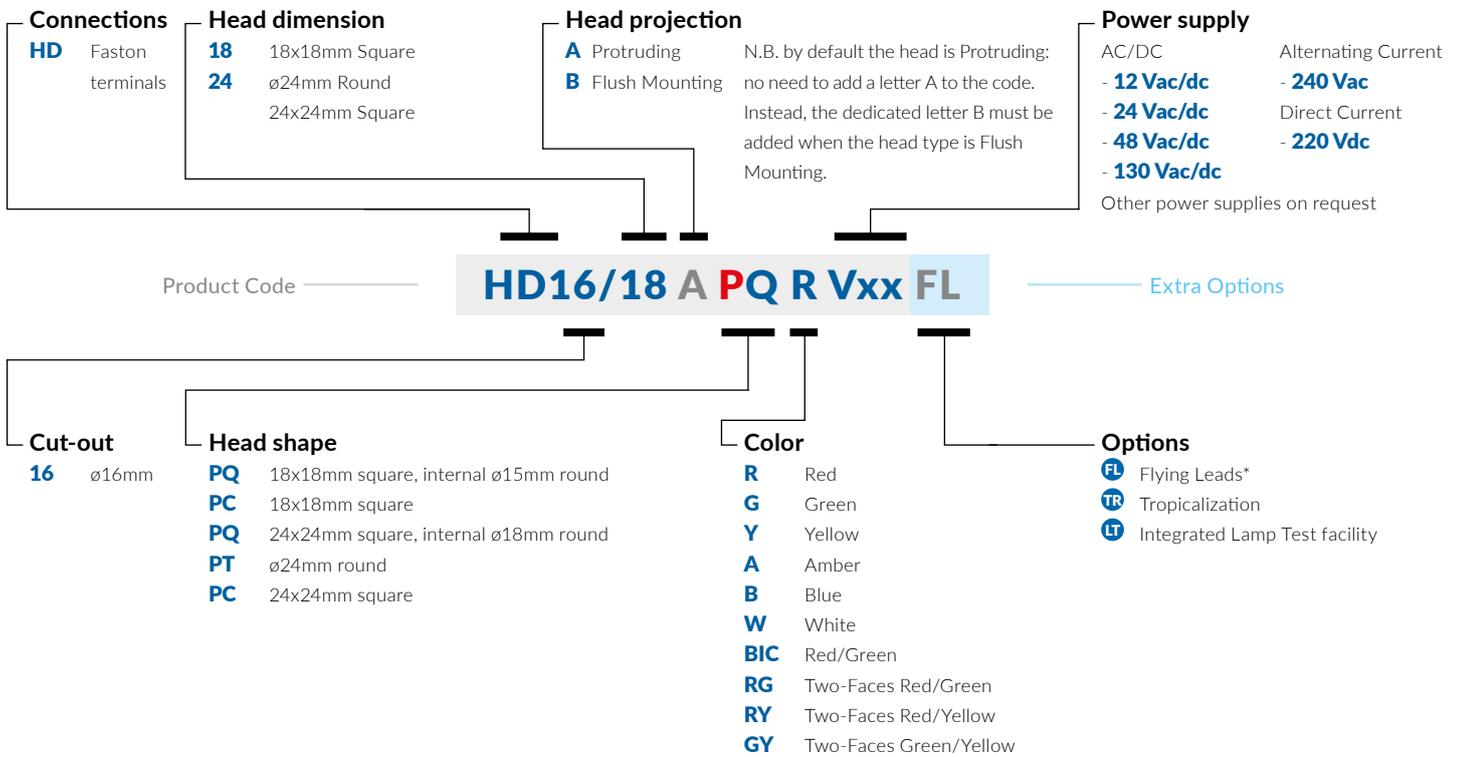


16/24

Hole Size
ø16mm

Connections
FASTON terminals
FLYING LEADS





Series P - ø16mm

Product range

PQ A type
Protruding
Head 18x18mm
Cut-out Ø16mm
Weight 13g



PQ B type
Flush Mounting
Head 21x21mm
Cut-out 18x18mm
Weight 16g



PC A type
Protruding
Head 18x18mm
Cut-out Ø16mm
Weight 13g



PC B type
Flush Mounting
Head 21x21mm
Cut-out 18x18mm
Weight 16g



Standard type



● Red	HD16/18 PQ R Vxx	HD16/18B PQ R Vxx	-	-
● Green	HD16/18 PQ G Vxx	HD16/18B PQ G Vxx	-	-
● Yellow	HD16/18 PQ Y Vxx	HD16/18B PQ Y Vxx	-	-
● Amber	HD16/18 PQ A Vxx	HD16/18B PQ A Vxx	-	-
● Blue	HD16/18 PQ B Vxx	HD16/18B PQ B Vxx	-	-
○ White	HD16/18 PQ W Vxx	HD16/18B PQ W Vxx	-	-
	FL TR LT	FL TR LT		



● Red	-	-	HD16/18 PC R Vxx	HD16/18B PC R Vxx
● Green	-	-	HD16/18 PC G Vxx	HD16/18B PC G Vxx
● Yellow	-	-	HD16/18 PC Y Vxx	HD16/18B PC Y Vxx
● Amber	-	-	HD16/18 PC A Vxx	HD16/18B PC A Vxx
● Blue	-	-	HD16/18 PC B Vxx	HD16/18B PC B Vxx
○ White	-	-	HD16/18 PC W Vxx	HD16/18B PC W Vxx
			FL TR LT	FL TR LT

Bicolor LED, white lens



● Red/Green	HD16/18 PQ BIC Vxx	HD16/18B PQ BIC Vxx	-	-
	FL TR	FL TR		

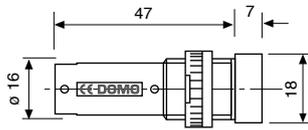


● Red/Green	-	-	HD16/18 PC BIC Vxx	HD16/18B PC BIC Vxx
			FL TR	FL TR



HD16/18 PQ - HD16/18 PC

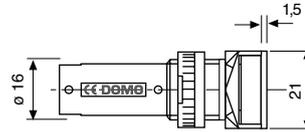
Dimensions mm 1:2



A type
Protruding

board thickness 10 mm
clamping: threaded nut

Dimensions mm 1:2

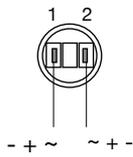


B type
Flush
Mounting

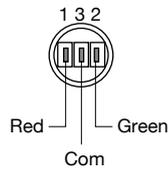
board thickness 1 mm
clamping: threaded nut

Faston terminals Tabs 2,8 x 0,8mm

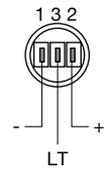
Monocolor



Bicolor



Monocolor + Lamp Test (LT)



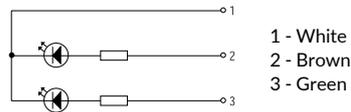
Flying Leads

Monocolor



1 - White
2 - Brown

Bicolor



1 - White
2 - Brown
3 - Green

Series P - Ø16mm

Product range

PT A type
Protruding
Head Ø24mm
Cut-out Ø16mm
Weight 13g



PT B type
Flush Mounting
Head Ø27mm
Cut-out Ø24mm
Weight 16g



PQ A type
Protruding
Head 24x24mm
Cut-out Ø16mm
Weight 13g



PQ B type
Flush Mounting
Head 27x27mm
Cut-out 24x24mm
Weight 16g



Standard type



● Red	HD16/24 PT R Vxx	HD16/24B PT R Vxx	-	-
● Green	HD16/24 PT G Vxx	HD16/24B PT G Vxx	-	-
● Yellow	HD16/24 PT Y Vxx	HD16/24B PT Y Vxx	-	-
● Amber	HD16/24 PT A Vxx	HD16/24B PT A Vxx	-	-
● Blue	HD16/24 PT B Vxx	HD16/24B PT B Vxx	-	-
○ White	HD16/24 PT W Vxx	HD16/24B PT W Vxx	-	-
	FL TR LT	FL TR LT		



● Red	-	-	HD16/24 PQ R Vxx	HD16/24B PQ R Vxx
● Green	-	-	HD16/24 PQ G Vxx	HD16/24B PQ G Vxx
● Yellow	-	-	HD16/24 PQ Y Vxx	HD16/24B PQ Y Vxx
● Amber	-	-	HD16/24 PQ A Vxx	HD16/24B PQ A Vxx
● Blue	-	-	HD16/24 PQ B Vxx	HD16/24B PQ B Vxx
○ White	-	-	HD16/24 PQ W Vxx	HD16/24B PQ W Vxx
			FL TR LT	FL TR LT

Bicolor LED, white lens



● Red/Green	HD16/24 PT BIC Vxx	HD16/24B PT BIC Vxx	-	-
	FL TR	FL TR		



● Red/Green	-	-	HD16/24 PQ BIC Vxx	HD16/24B PQ BIC Vxx
			FL TR	FL TR

**PC A type**

Protruding
Head 24x24mm
Cut-out Ø16mm
Weight 14g

**PC B type**

Flush Mounting
Head 27x27mm
Cut-out 24x24mm
Weight 17g



Standard type



● Red	HD16/24 PC R Vxx	HD16/24B PC R Vxx
● Green	HD16/24 PC G Vxx	HD16/24B PC G Vxx
● Yellow	HD16/24 PC Y Vxx	HD16/24B PC Y Vxx
● Amber	HD16/24 PC A Vxx	HD16/24B PC A Vxx
● Blue	HD16/24 PC B Vxx	HD16/24B PC B Vxx
○ White	HD16/24 PC W Vxx	HD16/24B PC W Vxx
	(FL TR LT)	(FL TR LT)

Bicolor LED, white lens



● Red/Green	HD16/24 PC BIC Vxx	HD16/24B PC BIC Vxx
	(FL TR)	(FL TR)

Two-Faces



a Red b Green	HD16/24 PC RG Vxx	HD16/24B PC RG Vxx
	(FL TR) no 240 Vac	(FL TR) no 240 Vac



a Red b Yellow	HD16/24 PC RY Vxx	HD16/24B PC RY Vxx
	(FL TR) no 240 Vac	(FL TR) no 240 Vac



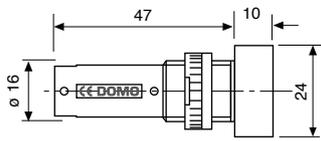
a Green b Yellow	HD16/24 PC GY Vxx	HD16/24B PC GY Vxx
	(FL TR) no 240 Vac	(FL TR) no 240 Vac

Series P - ø16mm

Dimensions and wiring

HD16/24 PT - HD16/24 PQ - HD16/24 PC

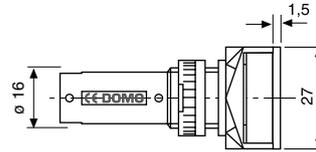
Dimensions mm 1:2



A type
Protruding

board thickness 10 mm
clamping: threaded nut

Dimensions mm 1:2

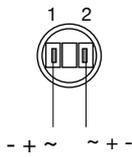


B type
Flush
Mounting

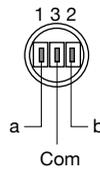
board thickness 1 mm
clamping: threaded nut

Faston terminals Tabs 2,8 x 0,8mm

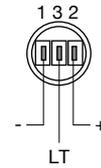
Monocolor



Bicolor and Two-Faces



Monocolor + Lamp Test (LT)

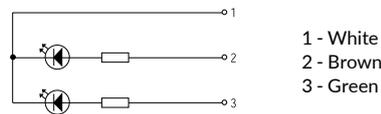


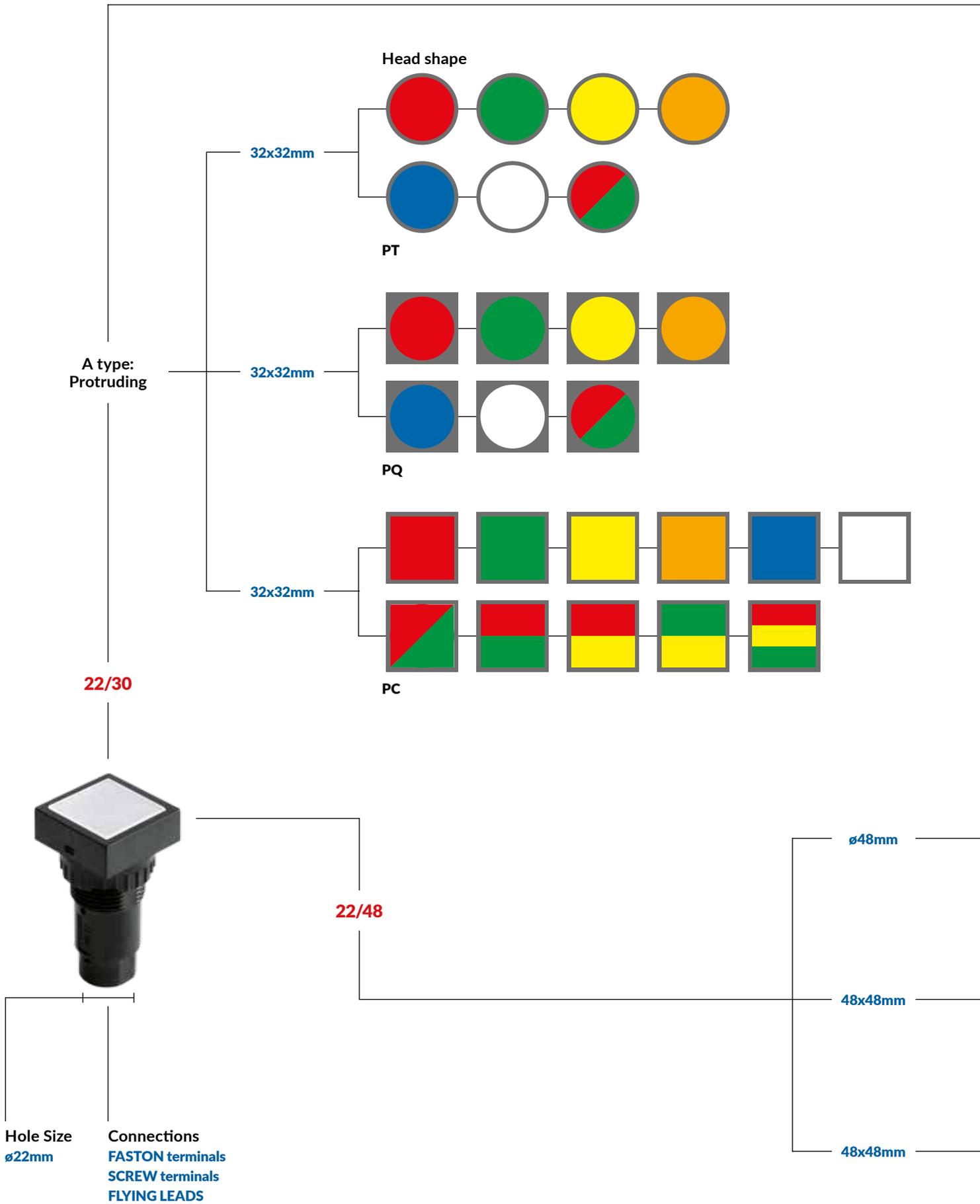
Flying Leads

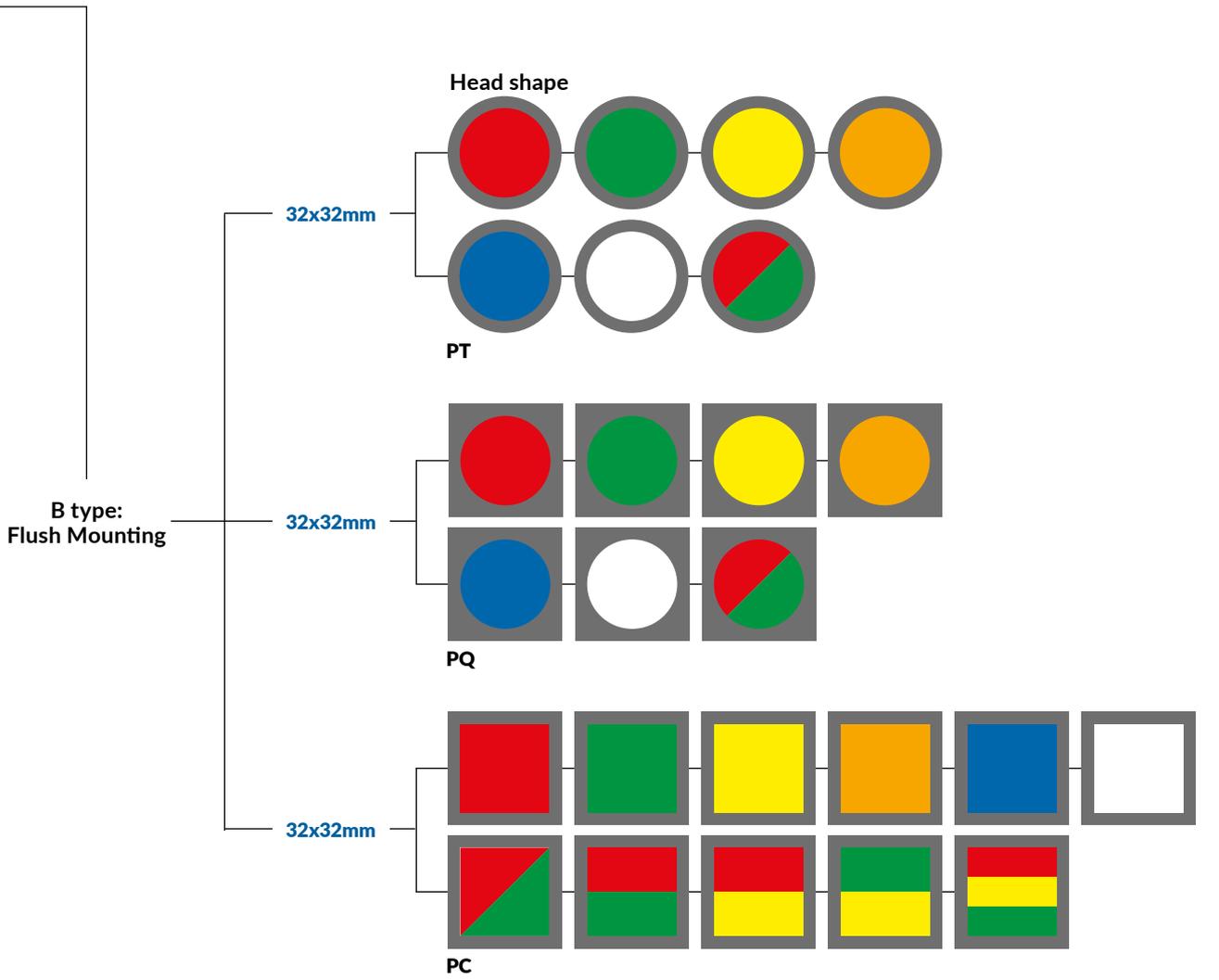
Monocolor



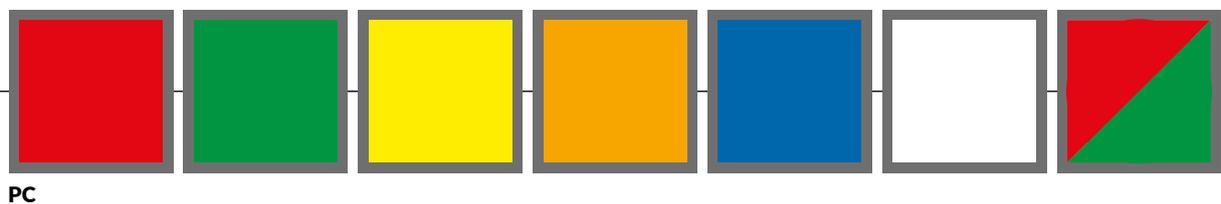
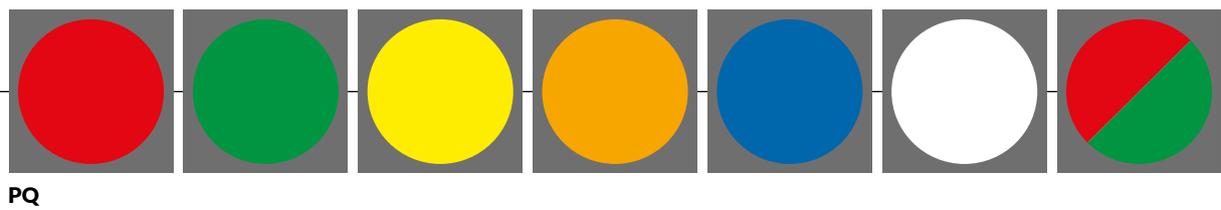
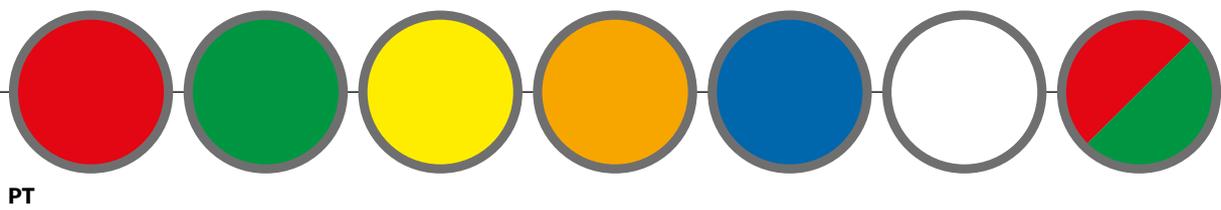
Bicolor and Two-Faces

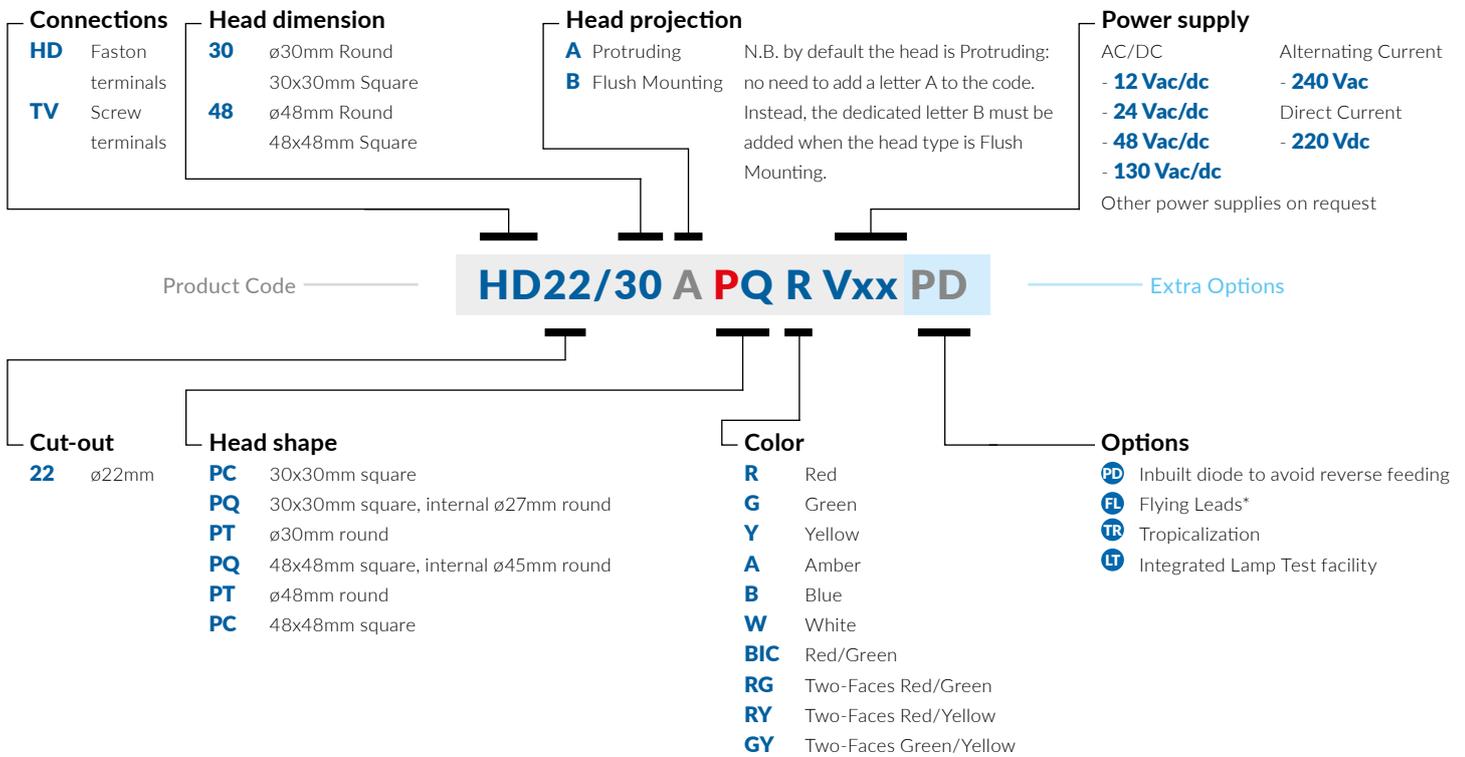






Head shape





Series P - Ø22mm

Product range

PT A type
Protruding
Head Ø30mm
Cut-out Ø22mm
Weight 18g



PT B type
Flush Mounting
Head Ø32mm
Cut-out Ø30mm
Weight 21g



PQ A type
Protruding
Head 30x30mm
Cut-out Ø22mm
Weight 19g



PQ B type
Flush Mounting
Head 32x32mm
Cut-out 30x30mm
Weight 22g



Standard type



● Red	HD22/30 PT R Vxx	HD22/30B PT R Vxx	-	-
● Green	HD22/30 PT G Vxx	HD22/30B PT G Vxx	-	-
● Yellow	HD22/30 PT Y Vxx	HD22/30B PT Y Vxx	-	-
● Amber	HD22/30 PT A Vxx	HD22/30B PT A Vxx	-	-
● Blue	HD22/30 PT B Vxx	HD22/30B PT B Vxx	-	-
○ White	HD22/30 PT W Vxx	HD22/30B PT W Vxx	-	-

PD TR LT

PD TR LT



● Red	-	-	HD22/30 PQ R Vxx	HD22/30B PQ R Vxx
● Green	-	-	HD22/30 PQ G Vxx	HD22/30B PQ G Vxx
● Yellow	-	-	HD22/30 PQ Y Vxx	HD22/30B PQ Y Vxx
● Amber	-	-	HD22/30 PQ A Vxx	HD22/30B PQ A Vxx
● Blue	-	-	HD22/30 PQ B Vxx	HD22/30B PQ B Vxx
○ White	-	-	HD22/30 PQ W Vxx	HD22/30B PQ W Vxx

PD TR LT

PD TR LT

Bicolor LED, white lens



● Red/Green	HD22/30 PT BIC Vxx	HD22/30B PT BIC Vxx	-	-
-------------	--------------------	---------------------	---	---

PD FL TR LT

PD FL TR LT



● Red/Green	-	-	HD22/30 PQ BIC Vxx	HD22/30B PQ BIC Vxx
-------------	---	---	--------------------	---------------------

PD FL TR LT

PD FL TR LT

**PC A type**

Protruding
Head 30x30mm
Cut-out Ø22mm
Weight 19g

**PC B type**

Flush Mounting
Head 32x32mm
Cut-out 30x30mm
Weight 22g



Standard type



● Red	HD22/30 PC R Vxx	HD22/30B PC R Vxx
● Green	HD22/30 PC G Vxx	HD22/30B PC G Vxx
● Yellow	HD22/30 PC Y Vxx	HD22/30B PC Y Vxx
● Amber	HD22/30 PC A Vxx	HD22/30B PC A Vxx
● Blue	HD22/30 PC B Vxx	HD22/30B PC B Vxx
○ White	HD22/30 PC W Vxx	HD22/30B PC W Vxx

Bicolor LED, white lens



● Red/Green	HD22/30 PC BIC Vxx	HD22/30B PC BIC Vxx

Two-Faces



a Red b Green	HD22/30 PC RG Vxx	HD22/30B PC RG Vxx



a Red b Yellow	HD22/30 PC RY Vxx	HD22/30B PC RY Vxx



a Green b Yellow	HD22/30 PC GY Vxx	HD22/30B PC GY Vxx

Three-Faces



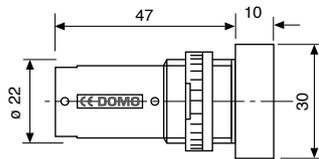
a Red b Yellow c Green	HD22/30 PC RYG Vxx	HD22/30B PC RYG Vxx
	no 240 Vac	no 240 Vac

Series P - $\varnothing 22\text{mm}$

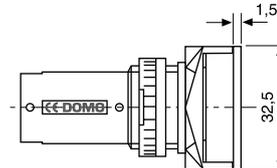
Dimensions and wiring

HD22/30 PT - HD22/30 PQ - HD22/30 PC

Dimensions mm 1:2

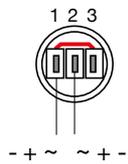
**A type**
Protrudingboard thickness 10 mm
clamping: threaded nut

Dimensions mm 1:2

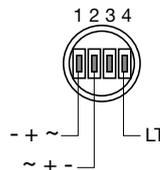
**B type**
Flush
Mountingboard thickness 1 mm
clamping: threaded nut

Faston terminals Tabs 2,8 x 0,8mm

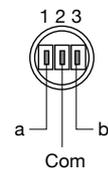
Monocolor



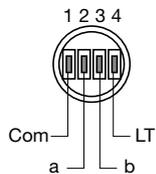
Monocolor + Lamp Test (LT)



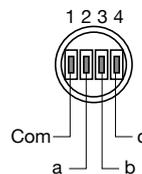
Bicolor and Two-Faces



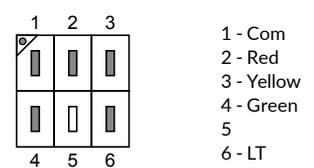
Two-Faces + Lamp Test (LT)



Three-Faces



Three-Faces + Lamp Test (LT)





PT A type
 Protruding
 Head $\varnothing 30\text{mm}$
 Cut-out $\varnothing 22\text{mm}$
 Weight 21g



PT B type
 Flush Mounting
 Head $\varnothing 32\text{mm}$
 Cut-out $\varnothing 30\text{mm}$
 Weight 25g



PQ A type
 Protruding
 Head $30 \times 30\text{mm}$
 Cut-out $\varnothing 22\text{mm}$
 Weight 22g



PQ B type
 Flush Mounting
 Head $32 \times 32\text{mm}$
 Cut-out $30 \times 30\text{mm}$
 Weight 26g



Standard type



● Red	TV22/30 PT R Vxx	TV22/30B PT R Vxx	-	-
● Green	TV22/30 PT G Vxx	TV22/30B PT G Vxx	-	-
● Yellow	TV22/30 PT Y Vxx	TV22/30B PT Y Vxx	-	-
● Amber	TV22/30 PT A Vxx	TV22/30B PT A Vxx	-	-
● Blue	TV22/30 PT B Vxx	TV22/30B PT B Vxx	-	-
○ White	TV22/30 PT W Vxx	TV22/30B PT W Vxx	-	-
	PD FL TR LT	PD FL TR LT		



● Red	-	-	TV22/30 PQ R Vxx	TV22/30B PQ R Vxx
● Green	-	-	TV22/30 PQ G Vxx	TV22/30B PQ G Vxx
● Yellow	-	-	TV22/30 PQ Y Vxx	TV22/30B PQ Y Vxx
● Amber	-	-	TV22/30 PQ A Vxx	TV22/30B PQ A Vxx
● Blue	-	-	TV22/30 PQ B Vxx	TV22/30B PQ B Vxx
○ White	-	-	TV22/30 PQ W Vxx	TV22/30B PQ W Vxx
			PD FL TR LT	PD FL TR LT

Bicolor LED, white lens



● Red/Green	TV22/30 PT BIC Vxx	TV22/30B PT BIC Vxx	-	-
	PD FL TR LT	PD FL TR LT		



● Red/Green	-	-	TV22/30 PQ BIC Vxx	TV22/30B PQ BIC Vxx
			PD FL TR LT	PD FL TR LT

Series P - Ø22mm

Product range

PC A type
Protruding
Head 30x30mm
Cut-out Ø22mm
Weight 22g



PC B type
Flush Mounting
Head 32x32mm
Cut-out 30x30mm
Weight 26g



Standard type



● Red	TV22/30 PC R Vxx	TV22/30B PC R Vxx
● Green	TV22/30 PC G Vxx	TV22/30B PC G Vxx
● Yellow	TV22/30 PC Y Vxx	TV22/30B PC Y Vxx
● Amber	TV22/30 PC A Vxx	TV22/30B PC A Vxx
● Blue	TV22/30 PC B Vxx	TV22/30B PC B Vxx
○ White	TV22/30 PC W Vxx	TV22/30B PC W Vxx
	PD FL TR LT	PD FL TR LT

Bicolor LED, white lens



● Red/Green	TV22/30 PC BIC Vxx	TV22/30B PC BIC Vxx
	PD FL TR LT	PD FL TR LT

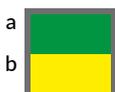
Two-Faces



a Red b Green	TV22/30 PC RG Vxx	TV22/30B PC RG Vxx
	PD FL TR LT	PD FL TR LT



a Red b Yellow	TV22/30 PC RY Vxx	TV22/30B PC RY Vxx
	PD FL TR LT	PD FL TR LT



a Green b Yellow	TV22/30 PC GY Vxx	TV22/30B PC GY Vxx
	PD FL TR LT	PD FL TR LT

Three-Faces

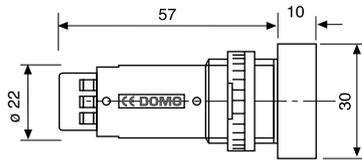


a Red b Yellow c Green	TV22/30 PC RYG Vxx	TV22/30B PC RYG Vxx
	PD FL TR LT no 240 Vac	PD FL TR LT no 240 Vac



TV22/30 PT - TV22/30 PQ - TV22/30 PC

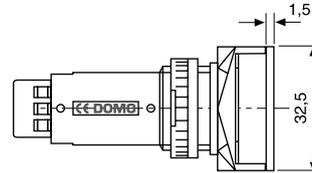
Dimensions mm 1:2



A type
Protruding

board thickness 10 mm
clamping: threaded nut

Dimensions mm 1:2

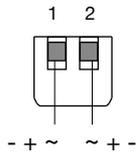


B type
Flush
Mounting

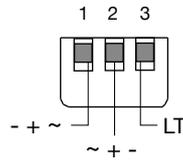
board thickness 1 mm
clamping: threaded nut

Screw terminal 14 AWG - 2,5mmq

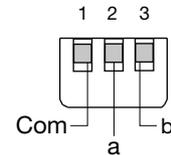
Monocolor



Monocolor + Lamp Test (LT)

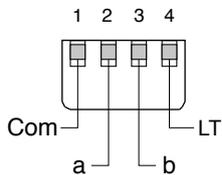


Bicolor and Two-Faces

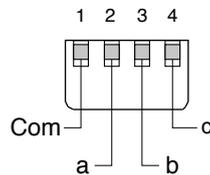


Screw terminal 16 AWG - 0,75 ÷ 1,0mmq

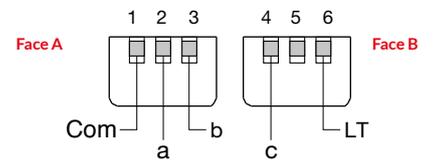
Bicolor + (LT) and Two-Faces + (LT)



Three-Faces



Three-Faces + Lamp Test (LT)

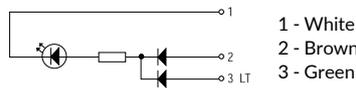


Flying Leads

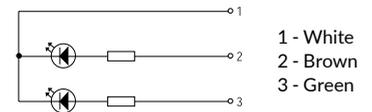
Monocolor



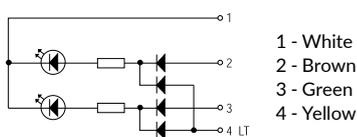
Monocolor + Lamp Test (LT)



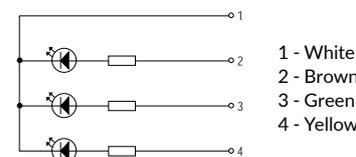
Bicolor and Two-Faces



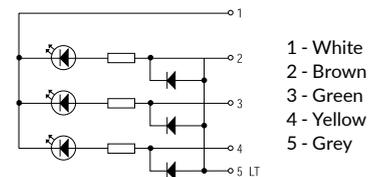
Two-Faces + Lamp Test (LT)



Three-Faces



Three-Faces + Lamp Test (LT)



Series P - Ø22mm

Product range

PT
Protruding
Head Ø48mm
Cut-out Ø22mm
Weight 31g



PQ
Protruding
Head 48x48mm
Cut-out Ø22mm
Weight 33g



Standard type



● Red	TV22/48 PT R Vxx	-
● Green	TV22/48 PT G Vxx	-
● Yellow	TV22/48 PT Y Vxx	-
● Amber	TV22/48 PT A Vxx	-
● Blue	TV22/48 PT B Vxx	-
○ White	TV22/48 PT W Vxx	-

PD FL TR LT No 12V



● Red	-	TV22/48 PQ R Vxx
● Green	-	TV22/48 PQ G Vxx
● Yellow	-	TV22/48 PQ Y Vxx
● Amber	-	TV22/48 PQ A Vxx
● Blue	-	TV22/48 PQ B Vxx
○ White	-	TV22/48 PQ W Vxx

PD FL TR LT No 12V

Bicolor LED, white lens



● Red/Green	TV22/48 PT BIC Vxx	-
-------------	--------------------	---

PD FL TR LT No 12V



● Red/Green	-	TV22/48 PQ BIC Vxx
-------------	---	--------------------

PD FL TR LT No 12V



PC
Protruding
Head 48x48mm
Cut-out Ø22mm
Weight 33g



Standard type



● Red	TV22/48 PC R Vxx
● Green	TV22/48 PC G Vxx
● Yellow	TV22/48 PC Y Vxx
● Amber	TV22/48 PC A Vxx
● Blue	TV22/48 PC B Vxx
○ White	TV22/48 PC W Vxx

PD FL TR LT No 12V

Bicolor LED, white lens



● Red/Green	TV22/48 PC BIC Vxx
-------------	--------------------

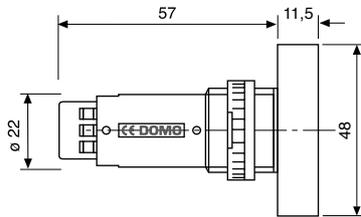
PD FL TR LT No 12V

Series P - $\varnothing 22\text{mm}$

Dimensions and wiring

TV22/48 PT - TV22/48 PQ - TV22/48 PC

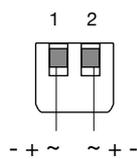
Dimensions mm 1:2



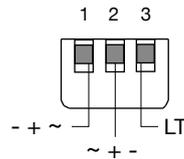
board thickness 10 mm
clamping: threaded nut

Screw terminal 14 AWG - 2,5mmq

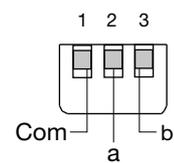
Monocolor



Monocolor + Lamp Test (LT)



Bicolor



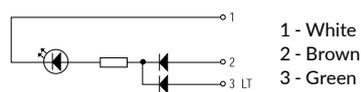
Flying Leads

Monocolor



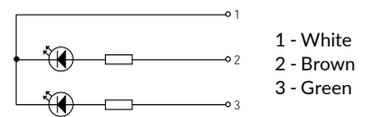
1 - White
2 - Brown

Monocolor + Lamp Test (LT)



1 - White
2 - Brown
3 - Green

Bicolor



1 - White
2 - Brown
3 - Green



LED Indicators

AmpiLED display

Series HL

Series HL

Technical features

Body material: **Polycarbonate (PC) V0/UL 94**
 Body colour: **Black**
 Protection degree: **IP54**
 Working temperature: **-20°C +60°C**
 Operating life at AT 25°C: **> 100.000 h**
Not replaceable LEDs



Available with integrated Lamp Test circuit (LT), to test all signals at once.

Supply voltage +/- 10%

Power	Consumption	Current
12 Vac/dc	15-20mA	AC/DC
24 Vac/dc	15-20mA	AC/DC
48 Vac/dc	15-20mA	AC/DC
130 = 110-130 Vac/dc	15-20mA	AC/DC
240 Vac	15mA	Alternating Current
220 Vdc	9mA	Direct Current

Other power supplies on request



Integrated Rectifier Bridge to work in Alternating Current (AC) or Direct Current (DC), automatically.



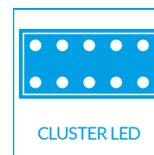
Customer can choose the LED colors, their arrangement and the text next to the LEDs. Easy label replacement, freely exchangeable at any time.



Easy to connect thanks to the Faston terminals 2.8mm x 0.8mm or Flying Leads.



B type solution with low-profile Flush Mounting, to limit the external dimensions and improve the design of the panel.



Tropicalization treatment available on request. Extra bright visibility thanks to the powerful Cluster LED (available only for HL16 48 and HL16 72).

Customs tariff: **85389091**

DOMO reserves the right to change, amend, modify, suspend, continue or terminate all or any part of the Product range either in an individual case or in general, at any time without notice.

Compliance:

Directive 2006/95/EC Low Voltage

Directive 2004/108/EC Electromagnetic Compatibility

Directive 2011/65/EC RhOS

Directive 2006/42/EC Machinery

Conformity to standards:

EN 60947.5.1 / EN 60073 / EN 60529 / EN 60068-2-6 /

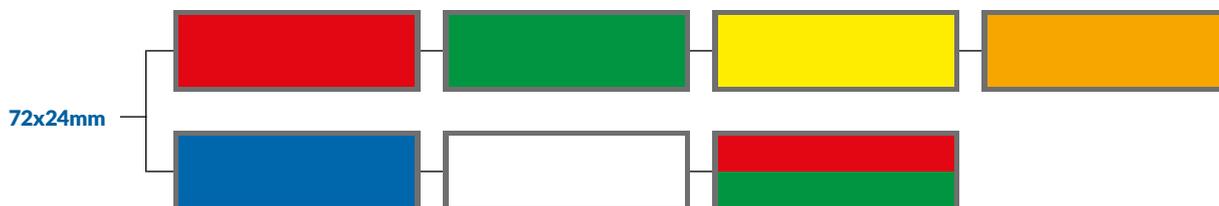
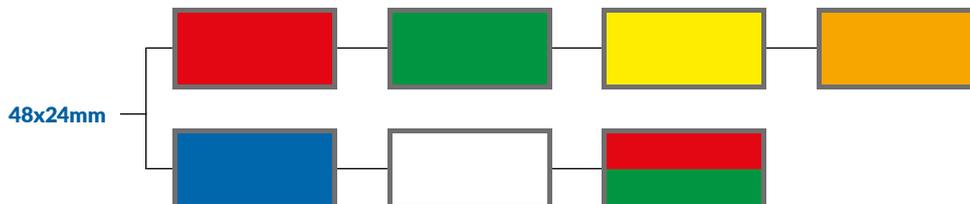
EN 60204.1 / EN ISO 7731 / EN 981 / IEC 536



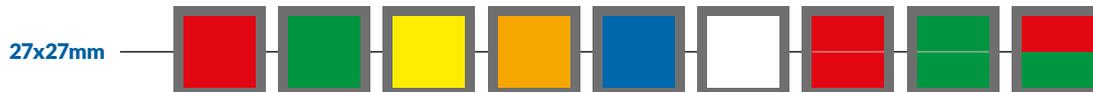
Head shape



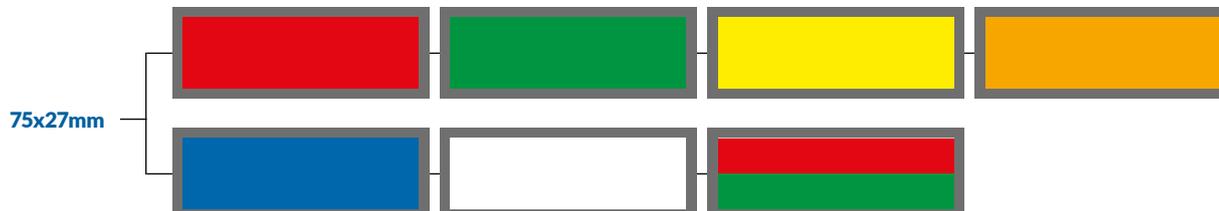
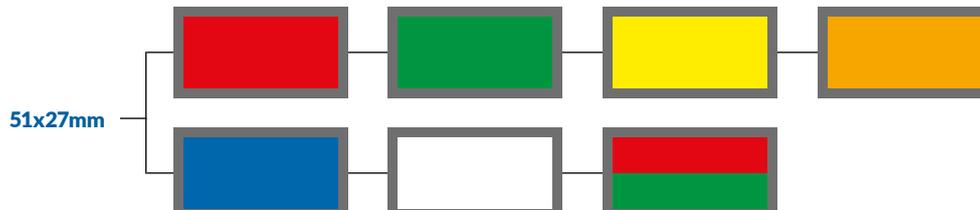
A type:
Protruding



Head shape



B type:
Flush Mounting

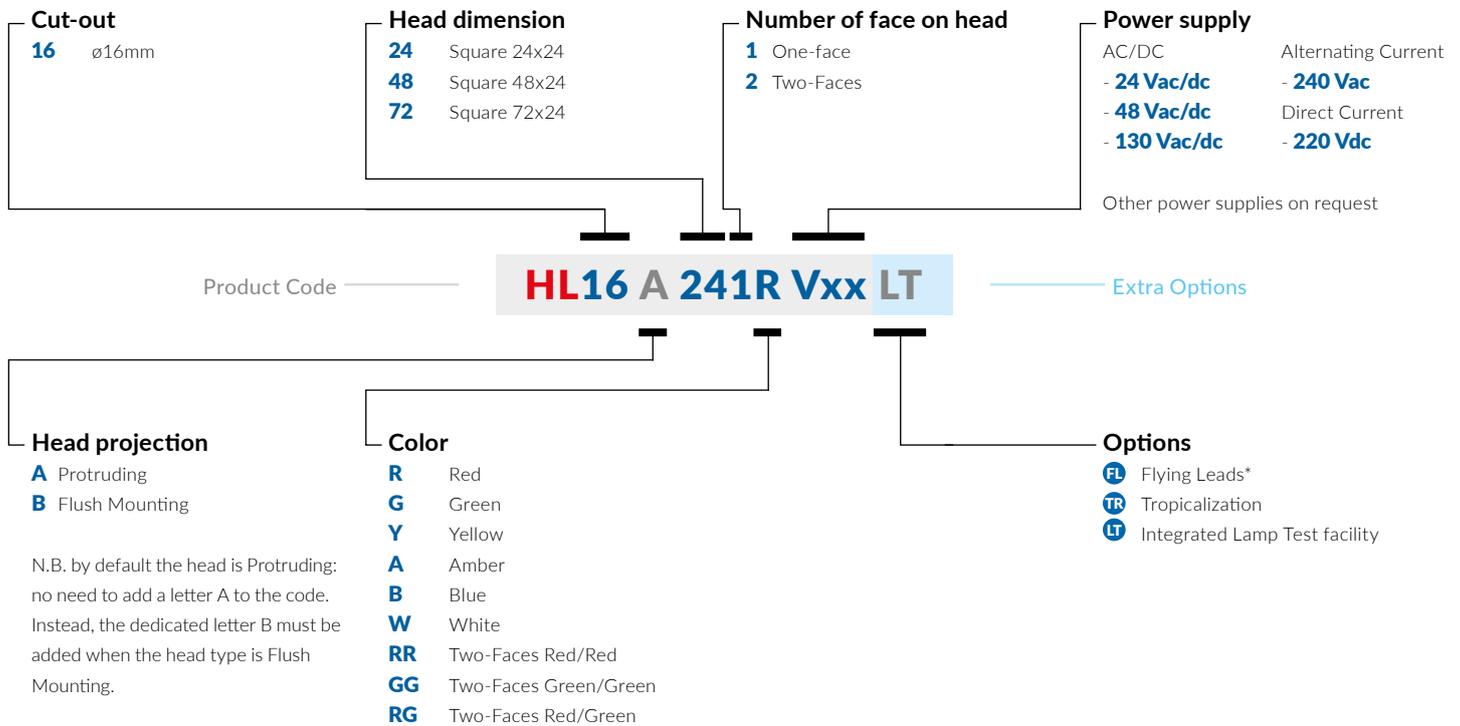


Connections
FASTON terminals
FLYING LEADS

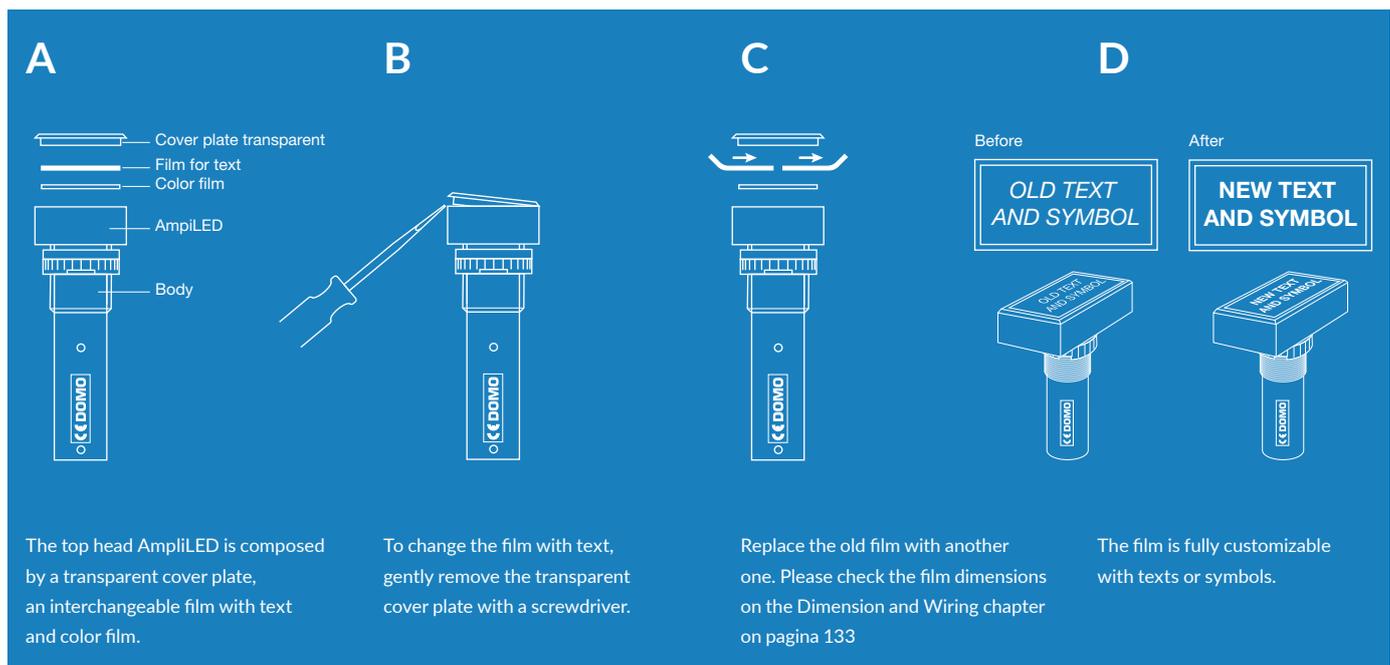
Hole Size
 \varnothing 16mm

Series HL - ø16mm

Coding



How to change and customize the film for text





HL16 24 A type

Protruding
Head 24x24mm
Cut-out Ø16mm
Weight 12g



HL16 24 B type

Flush Mounting
Head 27x27mm
Cut-out 24x24mm
Weight 14g



Standard type



- Red
- Green
- Yellow
- Amber
- Blue
- White

HL16 241R Vxx
HL16 241G Vxx
HL16 241Y Vxx
HL16 241A Vxx
HL16 241B Vxx
HL16 241W Vxx

HL16B 241R Vxx
HL16B 241G Vxx
HL16B 241Y Vxx
HL16B 241A Vxx
HL16B 241B Vxx
HL16B 241W Vxx



Two-Faces



a Red
b Red

HL16 242RR Vxx



HL16B 242RR Vxx



a Green
b Green

HL16 242GG Vxx



HL16B 242GG Vxx



a Red
b Green

HL16 242RG Vxx



HL16B 242RG Vxx



Series HL - ø16mm

Product range



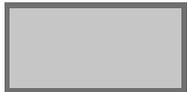
HL16 48 A type
 Protruding
 Head 24x48mm
 Cut-out Ø16mm
 Weight 18g



HL16 48 B type
 Flush Mounting
 Head 27x51mm
 Cut-out 24x48 mm
 Weight 21g



Standard type



- Red
- Green
- Yellow
- Amber
- Blue
- White

Red	HL16 481R Vxx
Green	HL16 481G Vxx
Yellow	HL16 481Y Vxx
Amber	HL16 481A Vxx
Blue	HL16 481B Vxx
White	HL16 481W Vxx



Red	HL16B 481R Vxx
Green	HL16B 481G Vxx
Yellow	HL16B 481Y Vxx
Amber	HL16B 481A Vxx
Blue	HL16B 481B Vxx
White	HL16B 481W Vxx



Two-Faces



- a Red
- b Green

a Red b Green	HL16 482RG Vxx
------------------	----------------



a Red b Green	HL16B 482RG Vxx
------------------	-----------------





HD 16 72 A type

Protruding
Head 24x72mm
Cut-out Ø16mm
Weight 28g

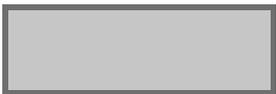


HD 16 72 B type

Flush Mounting
Head 27x75mm
Cut-out 24x72mm
Weight 30g



Standard type



- Red
- Green
- Yellow
- Amber
- Blue
- White

- HL16 721R Vxx
- HL16 721G Vxx
- HL16 721Y Vxx
- HL16 721A Vxx
- HL16 721B Vxx
- HL16 721W Vxx

- HL16B 721R Vxx
- HL16B 721G Vxx
- HL16B 721Y Vxx
- HL16B 721A Vxx
- HL16B 721B Vxx
- HL16B 721W Vxx



Two-Faces



- a Red
- b Green

- HL16 722RG Vxx

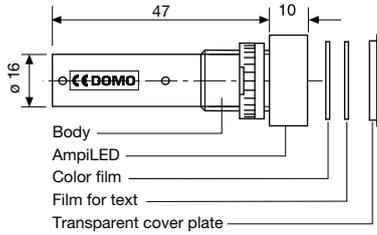
- HL16B 722RG Vxx



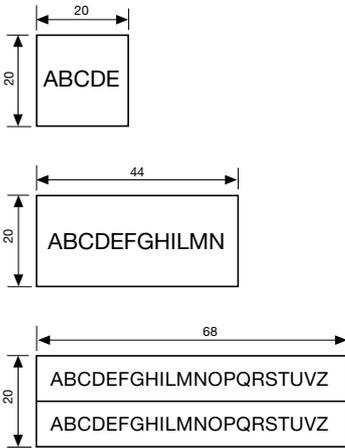
Series HL - $\varnothing 16\text{mm}$

Dimensions and wiring

Customizable film for text

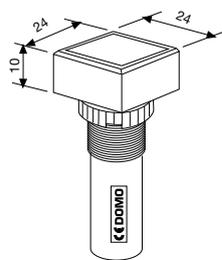


Writing example



HL16 24

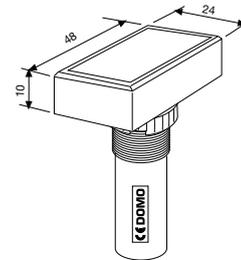
Dimensions mm 1:2



A type
Protruding

HL16 48

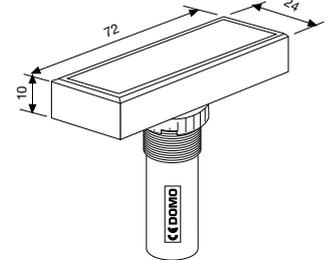
Dimensions mm 1:2



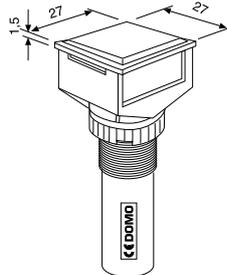
A type
Protruding

HL16 72

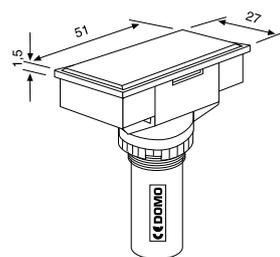
Dimensions mm 1:2



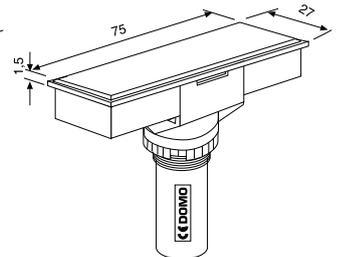
A type
Protruding



B type
Flush Mounting



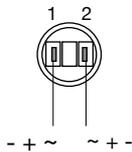
B type
Flush Mounting



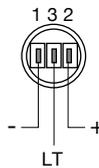
B type
Flush Mounting

Faston terminals Tabs 2,8 x 0,8mm

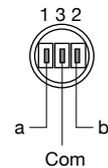
Monocolor



Monocolor + Lamp Test (LT)

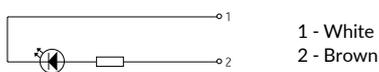


Two-Faces

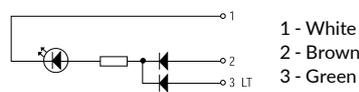


Flying Leads

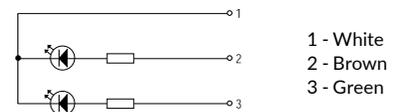
Monocolor



Monocolor + Lamp Test (LT)



Two-Faces





LED Indicators

Small LED

Series VL8, H8 and H12

Series VL8, H8 and H12

Technical features

Body material: **Polycarbonate (PC) V0/UL 94**
Body colour: **Black**
Protection degree: **VL821/822: IP54**
H8T/H12T: IP64
Working temperature: **-20°C +60°C**
Operating life at AT 25°C: **> 100.000 h**
Not replaceable LEDs



Tropicalization treatment available on request.



Optional Blinking Light 28V only.

Customs tariff: **85389091**

Supply voltage +/- 10%

Power	Consumption	Current
6 Vac/dc	15-20mA	Direct Current
12 Vac/dc	15-20mA	Direct Current
28 Vac/dc	15-20mA	Direct Current
48 Vac/dc	15-20mA	Direct Current
110-130 Vac/dc	15-20mA	Direct Current
230 Vac/dc	15-20mA	Direct Current

Other power supplies on request



Easy to connect thanks to the Faston terminals 2.8mm x 0.5mm or Flying Leads.



Innovative system to avoid lighting with low voltage.

Compliance:

Directive 2006/95/EC Low Voltage

Directive 2004/108/EC Electromagnetic Compatibility

Directive 2011/65/EC RhOS

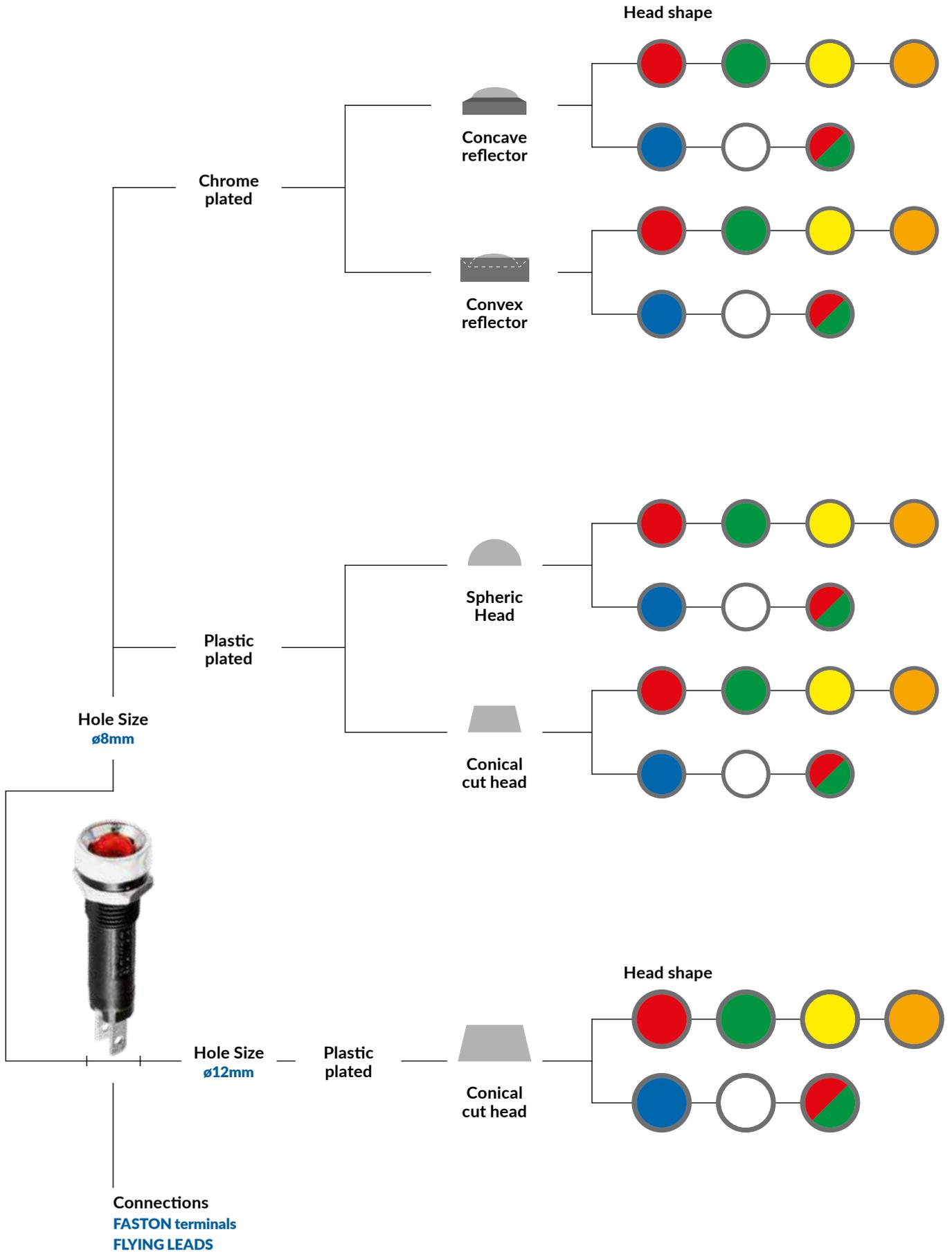
Directive 2006/42/EC Machinery

Conformity to standards:

EN 60947.5.1 / EN 60073 / EN 60529 / EN 60068-2-6 /

EN 60204.1 / EN ISO 7731 / EN 981 / IEC 536

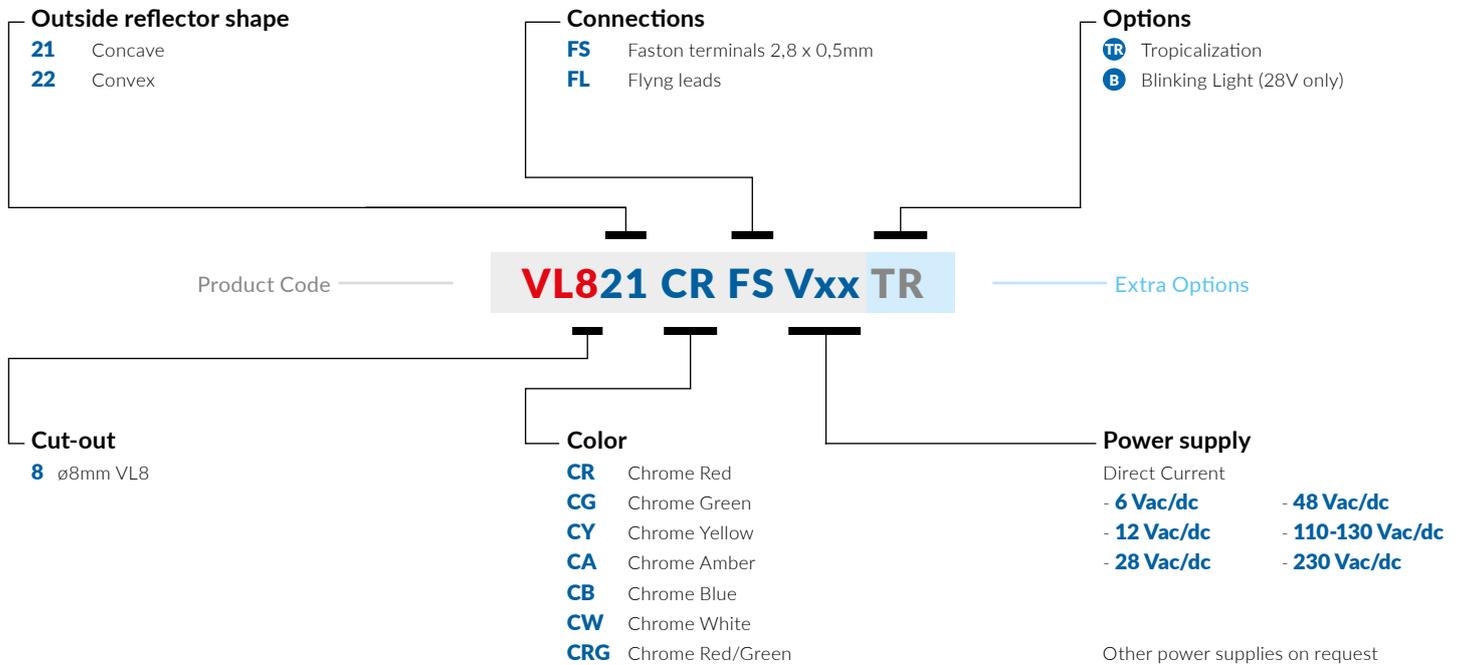
DOMO reserves the right to change, amend, modify, suspend, continue or terminate all or any part of the Product range either in an individual case or in general, at any time without notice.



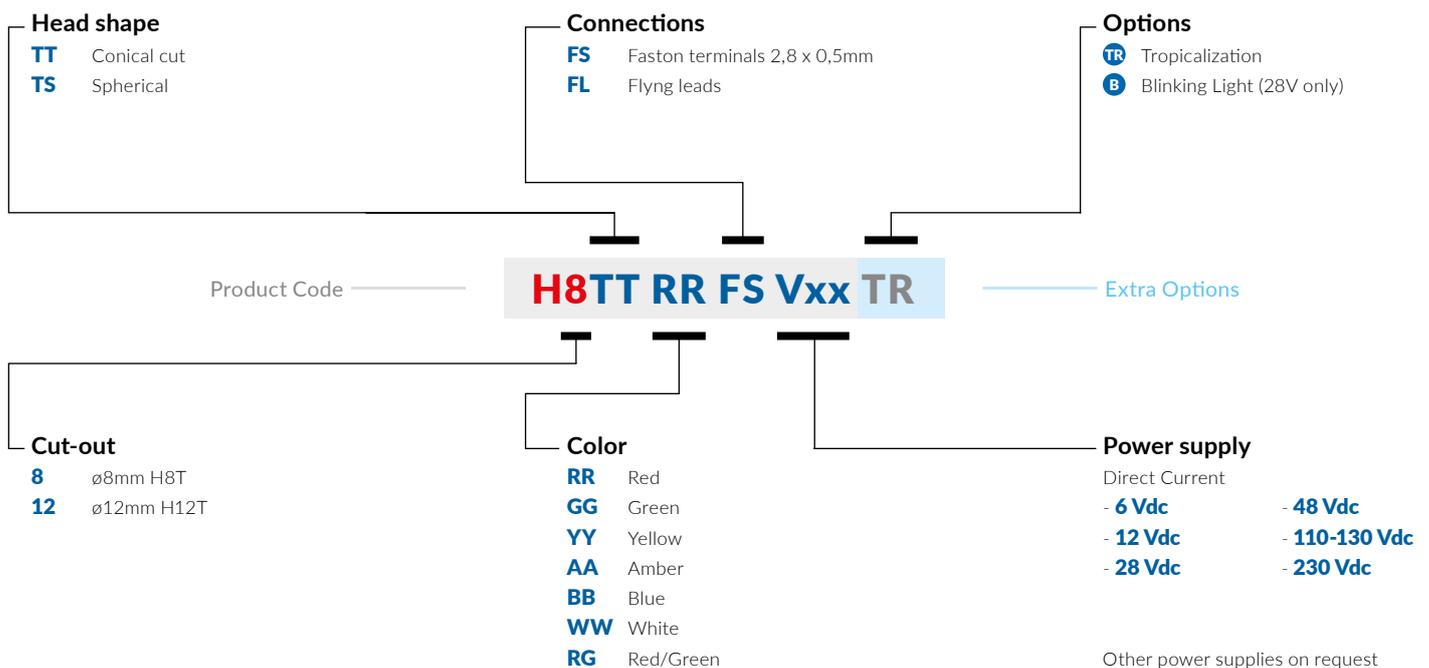
Series VL8, H8 and H12 - ø8mm, ø12mm

Coding

VL821 - VL822 code structure



H8 - H12 code structure





Series VL8 - ø8mm

Product range

Body polycarbonate black - Front chromium



Outside reflector VL821

Head Ø10mm
Cut-out Ø8
Weight 1g

Outside reflector VL822

Head Ø10mm
Cut-out Ø8
Weight 1g

Standard type - Faston Terminal (FS)

● Red	VL821 CR FS Vxx	VL822 CR FS Vxx
● Green	VL821 CG FS Vxx	VL822 CG FS Vxx
● Yellow	VL821 CY FS Vxx	VL822 CY FS Vxx
● Amber	VL821 CA FS Vxx	VL822 CA FS Vxx
● Blue	VL821 CB FS Vxx	VL822 CB FS Vxx
○ White	VL821 CW FS Vxx	VL822 CW FS Vxx
	TR B (28V only)	TR B (28V only)

Bicolor LED - Faston Terminal (FS)

● Red/Green	VL821 CRG FS Vxx	VL822 CRG FS Vxx
	TR	TR

Standard type - Flying leads (FL)

● Red	VL821 CR FL Vxx	VL822 CR FL Vxx
● Green	VL821 CG FL Vxx	VL822 CG FL Vxx
● Yellow	VL821 CY FL Vxx	VL822 CY FL Vxx
● Amber	VL821 CA FL Vxx	VL822 CA FL Vxx
● Blue	VL821 CB FL Vxx	VL822 CB FL Vxx
○ White	VL821 CW FL Vxx	VL822 CW FL Vxx
	TR B (28V only)	TR B (28V only)

Bicolor LED - Flying leads (FL)

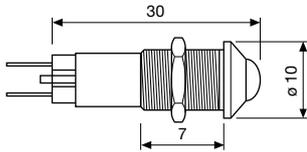
● Red/Green	VL821 CRG FL Vxx	VL822 CRG FL Vxx
	TR	TR

Series VL8 - $\varnothing 8\text{mm}$

Dimensions and wiring

VL821

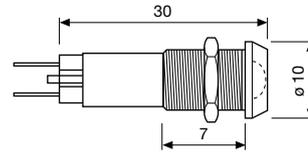
Dimensions mm 1:2



board thickness 6 mm
clamping: threaded nut

VL822

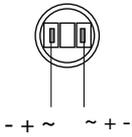
Dimensions mm 1:2



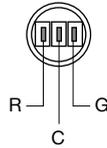
board thickness 6 mm
clamping: threaded nut

Faston terminals Tabs 2,8 x 0,5mm

Monocolor



Bicolor

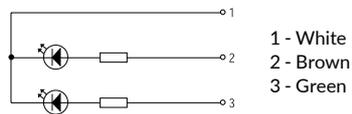


Flying Leads

Monocolor



Bicolor





Series H8, H12 - ø8mm, ø12mm

Product range



H8TT
Head Ø10mm
Cut-out Ø8
Weight 1g



H8TS
Head Ø10mm
Cut-out Ø8
Weight 1g



H12TT
Head Ø14mm
Cut-out Ø12
Weight 2g



- Red
- Green
- Yellow
- Amber
- Blue
- White
- Red/Green

- H8TT RR FS Vxx
- H8TT GG FS Vxx
- H8TT YY FS Vxx
- H8TT AA FS Vxx
- H8TT BB FS Vxx
- H8TT WW FS Vxx
- H8TT RG FS Vxx

TR B (28V only)

- H8TS RR FS Vxx
- H8TS GG FS Vxx
- H8TS YY FS Vxx
- H8TS AA FS Vxx
- H8TS BB FS Vxx
- H8TS WW FS Vxx
- H8TS RG FS Vxx

TR B (28V only)

- H12TT RR FS Vxx
- H12TT GG FS Vxx
- H12TT YY FS Vxx
- H12TT AA FS Vxx
- H12TT BB FS Vxx
- H12TT WW FS Vxx
- H12TT RG FS Vxx

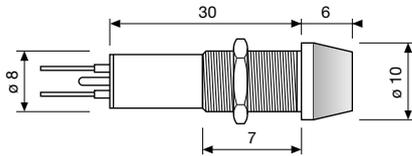
TR B (28V only)

Series H8, H12 - $\varnothing 8\text{mm}$, $\varnothing 12\text{mm}$

Dimensions and wiring

H8TT

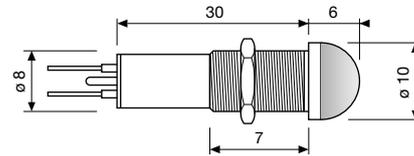
Dimensions mm 1:2



board thickness 6 mm
clamping: threaded nut

H8TS

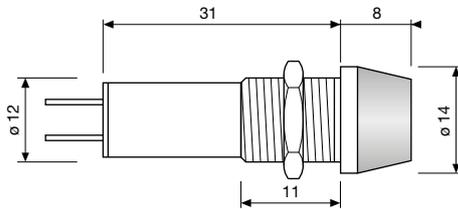
Dimensions mm 1:2



board thickness 6 mm
clamping: threaded nut

H12TT

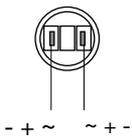
Dimensions mm 1:2



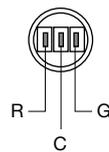
board thickness 10 mm
clamping: threaded nut

Faston terminals Tabs 2,8 x 0,5mm

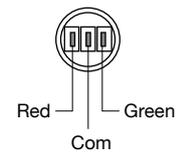
Monocolor



Bicolor H8 version



Bicolor H12 version

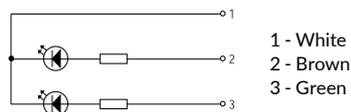


Flying Leads

Monocolor



Bicolor





Pushbutton Switches

Pushbuttons Ø16mm

Series CD16

Series CD16

Technical features

Conforming to standards as: **IEC 60947-5-1**
Nema EN418
UL 508
Test report 11-0912-01

Environmental conditions:
 - Service **-25°C ~ +70°C**
 - Storage **-40°C ~ +70°C**
 - Humidity **35 ~ 85%RH**
 Protection degree: **IEC 60529**
 Mechanical durability
 (in millions of operating cycles): **Momentary 3,0**
Latched 0,5
Selector 1,0
Contact elements 3,0
 Body material: **Polycarbonate (PC) V0/UL 94**
 Body colour: **Black (pushbuttons) - Grey (contacts)**
 Rate insulation voltage for contact block according to IEC 60947-5-1: **Ui 300 Vac/dc with Faston terminals**
2,8 x 0,8 mm - degree of pollution 3
 Contact block operating materials: **Silver alloy Ag/Ni**
Self Cleaning creeping action
slow break
 Rated impulse with standard voltage: **U_{imp} 5kv**

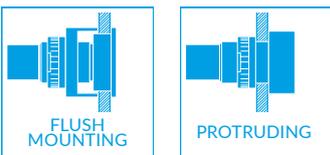
Faston Connection		/th 5A			
AC-15	V	24	48	110	240
	A	5	4	3	1,5
DC-14	V	24	48	110	220
	A	2,5	1,4	0,2	0,15

Electrical data for illuminated elements with LED

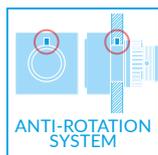
50-60Hz		Power	Current
12 Vac/dc	± 10%		16 mA
24 Vac/dc	± 10%		16 mA
48 Vac/dc	± 10%		14 mA
110 Vac/dc	± 10%		10 mA
130 Vac/dc	± 10%		8 mA
220 Vdc	± 10%		5 mAV
240 Vac	± 10%		4,5 mA
		Color	Operating life
		Red, Green, Yellow, Amber	100.000h
		Blue, White	50.000h



Easy to connect thanks to the Faston terminals 2.8mm x 0.8mm.



B type solution with low-profile Flush Mounting, to limit the external dimensions and improve the design of the panel.



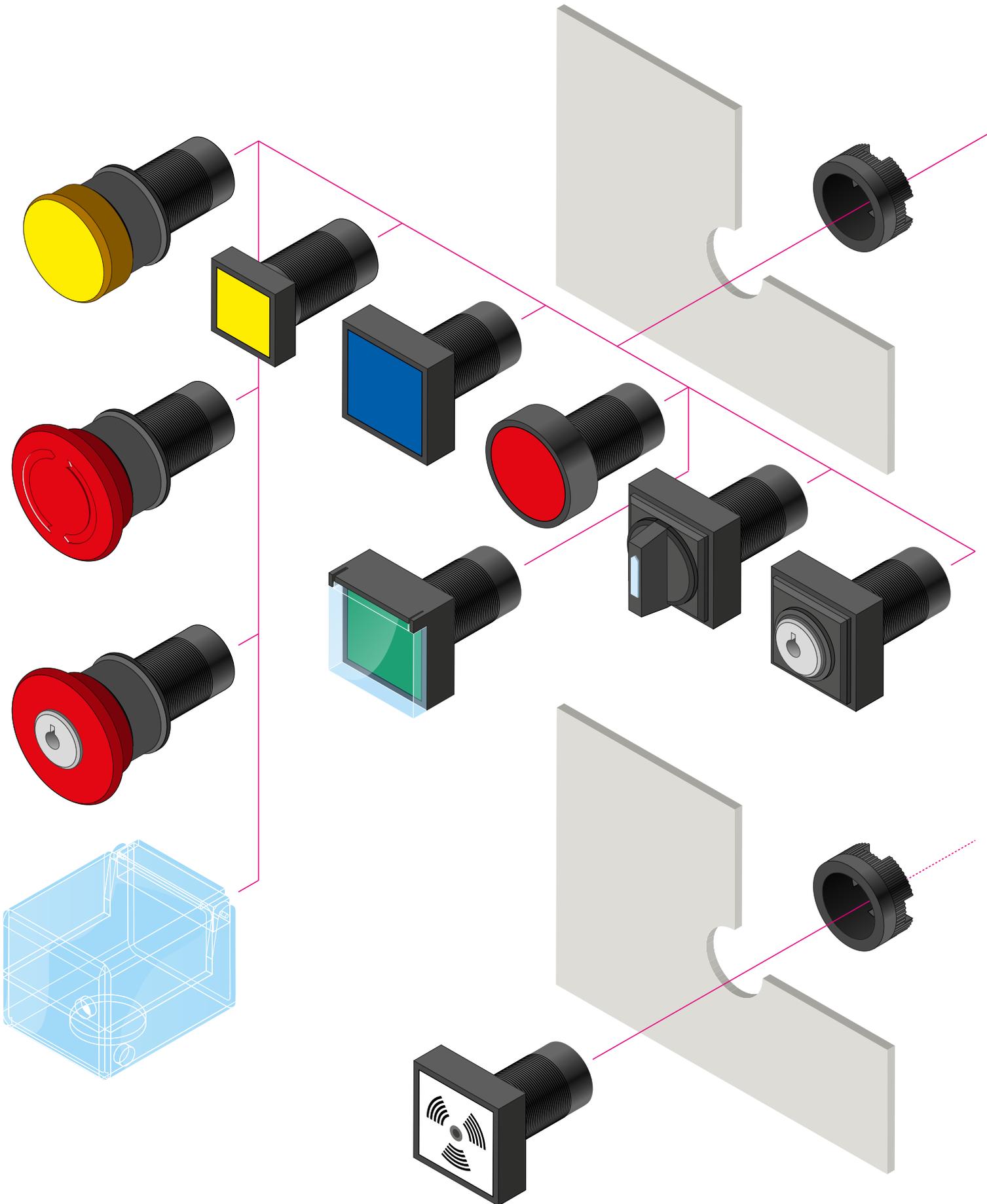
Anti-rotation System.

Compliance:
Directive 2006/95/EC Low Voltage
Directive 2004/108/EC Electromagnetic Compatibility
Directive 2011/65/EC RhOS
Directive 2006/42/EC Machinery

Conformity to standards:
EN 60947.5.1 / EN 60073 / EN 60529 / EN 60068-2-6 / EN 60204.1 / EN ISO 7731 / EN 981 / IEC 536

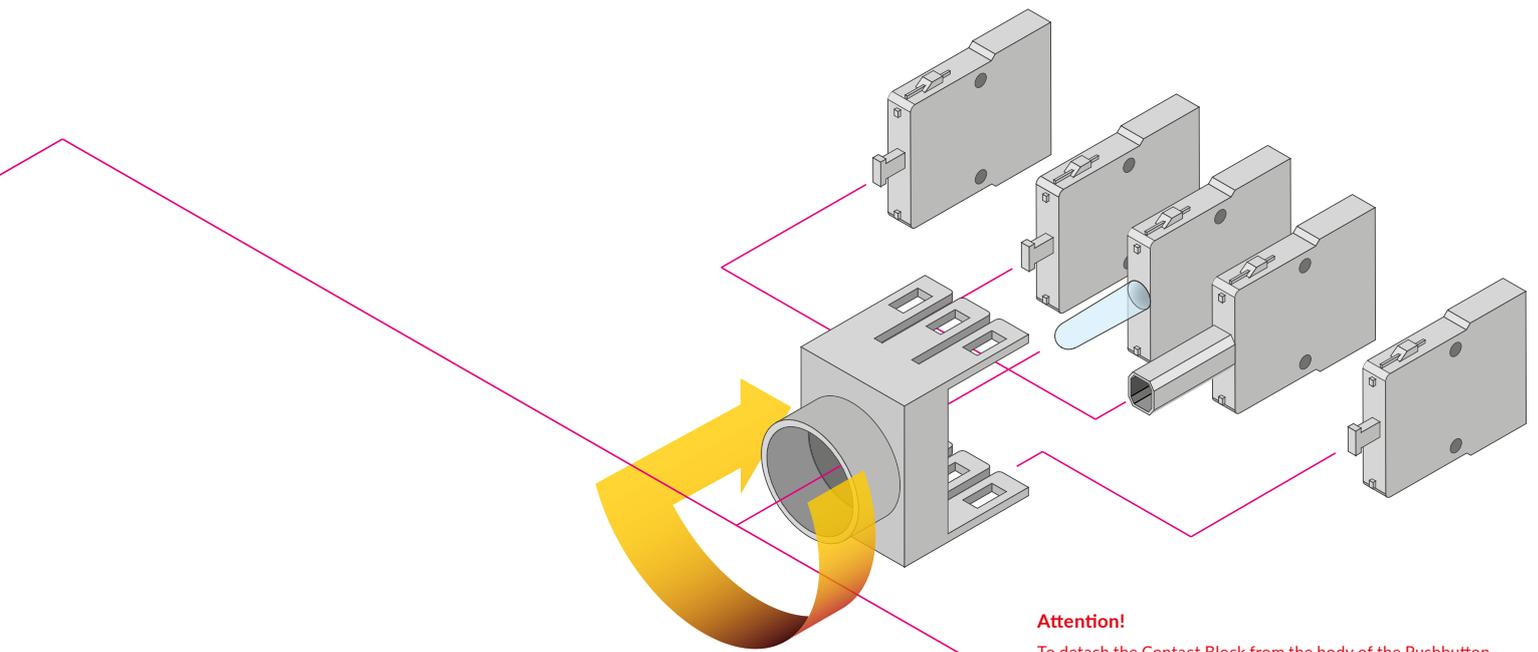
DOMO reserves the right to change, amend, modify, suspend, continue or terminate all or any part of the Product range either in an individual case or in general, at any time without notice.

Customs tariff: **85389091**

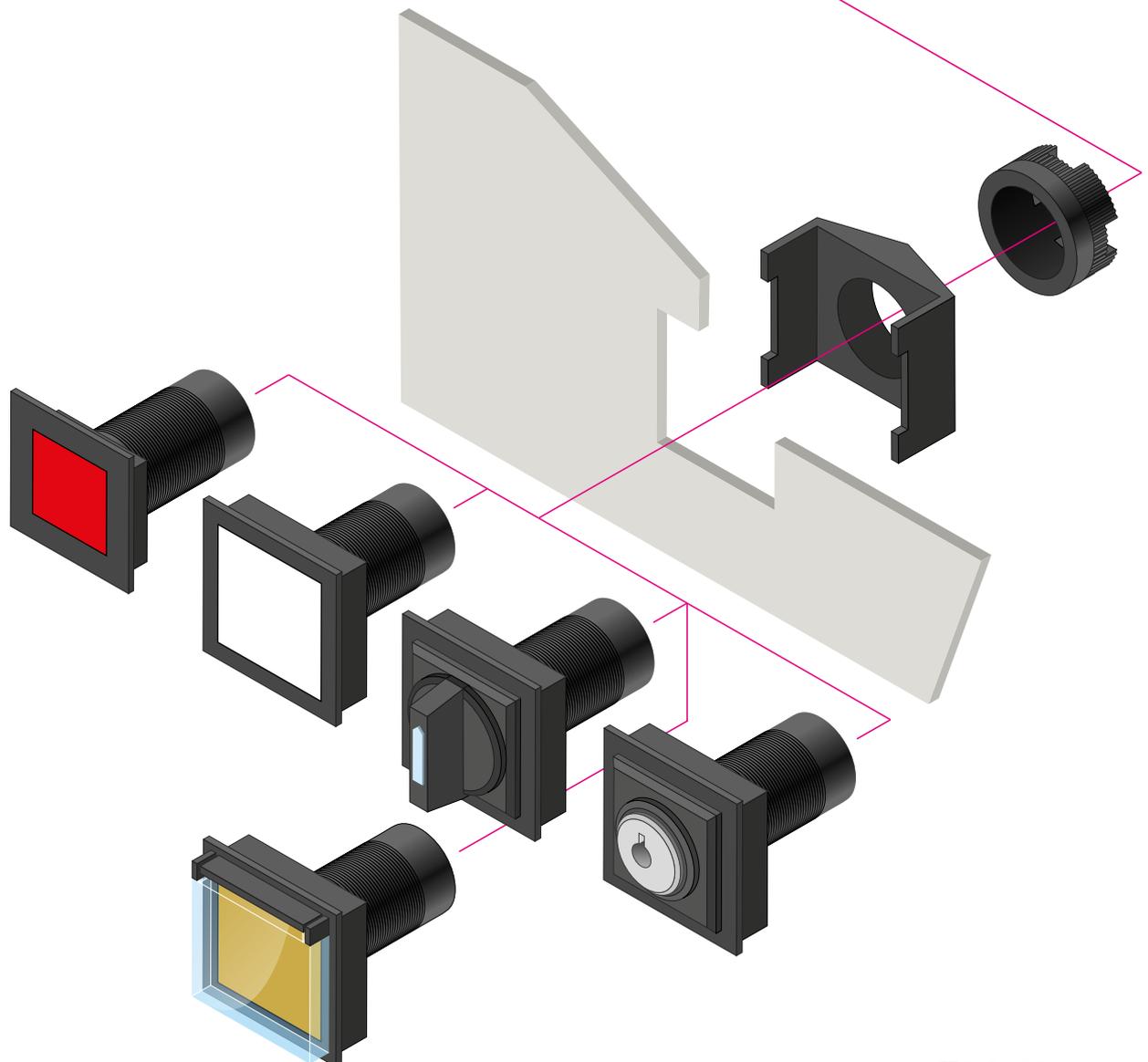


Series CD16 - $\varnothing 16\text{mm}$

Overall view sample

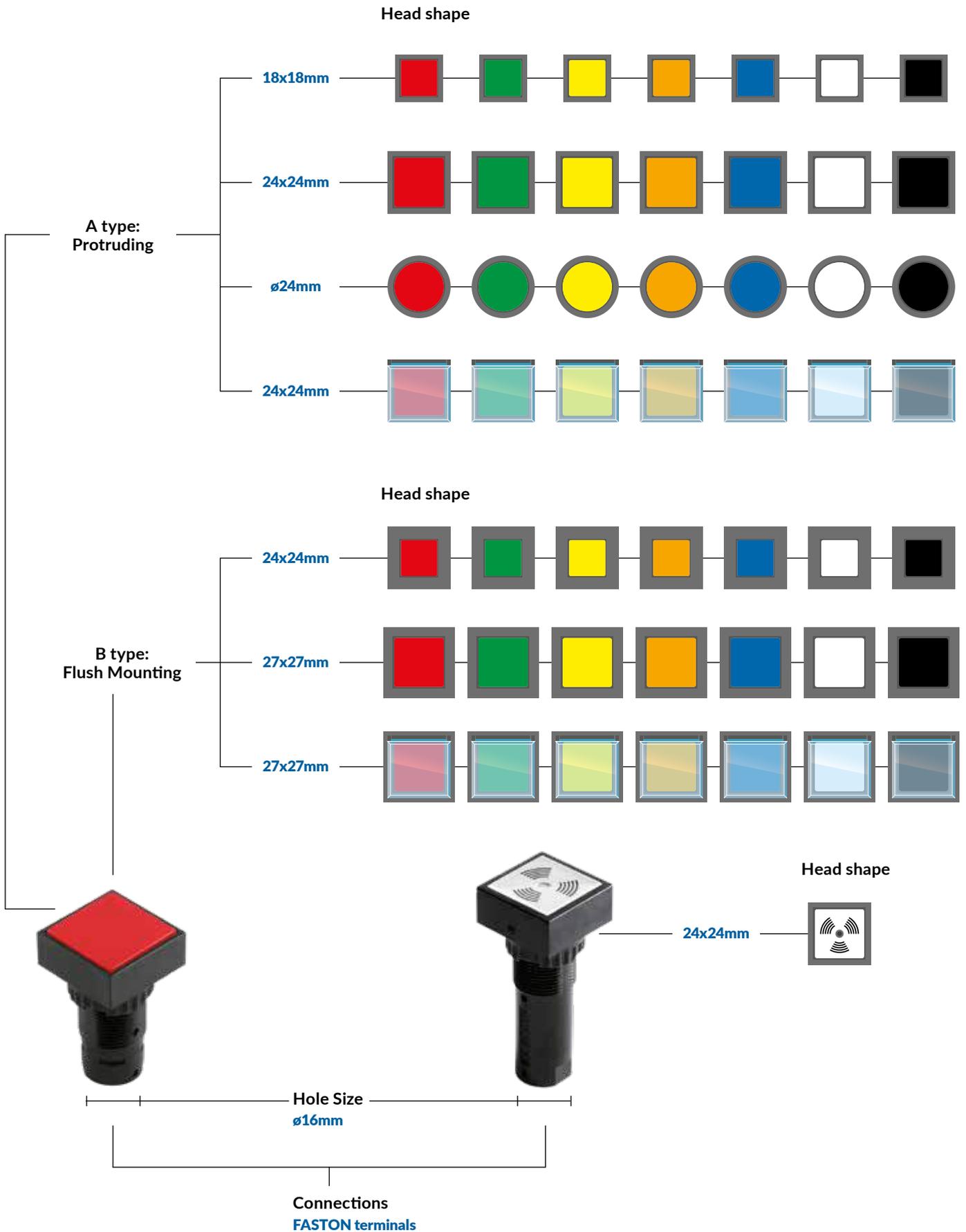
**Attention!**

To detach the Contact Block from the body of the Pushbutton, first rotate it 45° and then extract the Block.





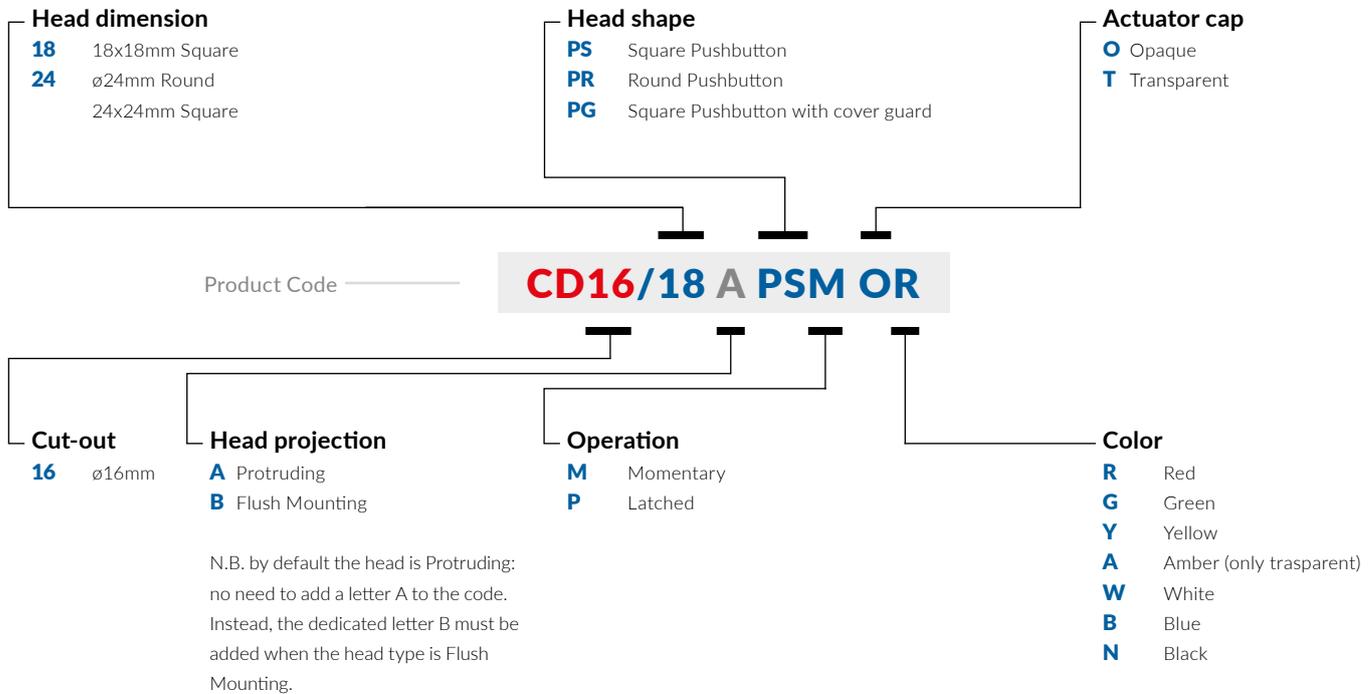
Series CD16 - ø16mm



Series CD16 - ø16mm

Coding

Pushbutton





Series CD16 - ø16mm

Product range

Pushbutton

A type
 Protruding
 Head 18x18mm
 Cut-out Ø16mm
 Weight 7g



B type
 Flush Mounting
 Head 24x24mm
 Cut-out 18x18mm
 Weight 10g



Momentary non illuminated



● Red	CD16/18 PSM OR	CD16/18B PSM OR
● Green	CD16/18 PSM OG	CD16/18B PSM OG
● Yellow	CD16/18 PSM OY	CD16/18B PSM OY
● Blue	CD16/18 PSM OB	CD16/18B PSM OB
○ White	CD16/18 PSM OW	CD16/18B PSM OW
● Black	CD16/18 PSM ON	CD16/18B PSM ON

Momentary illuminated



● Red	CD16/18 PSM TR	CD16/18B PSM TR
● Green	CD16/18 PSM TG	CD16/18B PSM TG
● Yellow	CD16/18 PSM TY	CD16/18B PSM TY
● Amber	CD16/18 PSM TA	CD16/18B PSM TA
● Blue	CD16/18 PSM TB	CD16/18B PSM TB
○ White	CD16/18 PSM TW	CD16/18B PSM TW

Latched non illuminated



● Red	CD16/18 PSP OR	CD16/18B PSP OR
● Green	CD16/18 PSP OG	CD16/18B PSP OG
● Yellow	CD16/18 PSP OY	CD16/18B PSP OY
● Blue	CD16/18 PSP OB	CD16/18B PSP OB
○ White	CD16/18 PSP OW	CD16/18B PSP OW
● Black	CD16/18 PSP ON	CD16/18B PSP ON

Latched illuminated



● Red	CD16/18 PSP TR	CD16/18B PSP TR
● Green	CD16/18 PSP TG	CD16/18B PSP TG
● Yellow	CD16/18 PSP TY	CD16/18B PSP TY
● Amber	CD16/18 PSP TA	CD16/18B PSP TA
● Blue	CD16/18 PSP TB	CD16/18B PSP TB
○ White	CD16/18 PSP TW	CD16/18B PSP TW

Note: Latched Pushbutton requires a minimum Contact elements configuration please search tick symbol on pagepagina 164 andpagina 165

Series CD16 - ø16mm

Product range

Pushbutton

A type
 Protruding
 Head 24x24mm
 Cut-out Ø16mm
 Weight 8g



B type
 Flush Mounting
 Head 27x27mm
 Cut-out 24x24mm
 Weight 11g



Momentary non illuminated



● Red	CD16/24 PSM OR	CD16/24B PSM OR
● Green	CD16/24 PSM OG	CD16/24B PSM OG
● Yellow	CD16/24 PSM OY	CD16/24B PSM OY
● Blue	CD16/24 PSM OB	CD16/24B PSM OB
○ White	CD16/24 PSM OW	CD16/24B PSM OW
● Black	CD16/24 PSM ON	CD16/24B PSM ON

Momentary illuminated



● Red	CD16/24 PSM TR	CD16/24B PSM TR
● Green	CD16/24 PSM TG	CD16/24B PSM TG
● Yellow	CD16/24 PSM TY	CD16/24B PSM TY
● Amber	CD16/24 PSM TA	CD16/24B PSM TA
● Blue	CD16/24 PSM TB	CD16/24B PSM TB
○ White	CD16/24 PSM TW	CD16/24B PSM TW

Latched non illuminated



● Red	CD16/24 PSP OR	CD16/24B PSP OR
● Green	CD16/24 PSP OG	CD16/24B PSP OG
● Yellow	CD16/24 PSP OY	CD16/24B PSP OY
● Blue	CD16/24 PSP OB	CD16/24B PSP OB
○ White	CD16/24 PSP OW	CD16/24B PSP OW
● Black	CD16/24 PSP ON	CD16/24B PSP ON

Latched illuminated



● Red	CD16/24 PSP TR	CD16/24B PSP TR
● Green	CD16/24 PSP TG	CD16/24B PSP TG
● Yellow	CD16/24 PSP TY	CD16/24B PSP TY
● Amber	CD16/24 PSP TA	CD16/24B PSP TA
● Blue	CD16/24 PSP TB	CD16/24B PSP TB
○ White	CD16/24 PSP TW	CD16/24B PSP TW

✔ **Note:** Latched Pushbutton requires a minimum Contact elements configuration please search tick symbol on pagepagina 164 andpagina 165



Series CD16 - ø16mm

Product range

Pushbutton and Sound Buzzer

A type
 Protruding
 Head Ø24mm
 Cut-out Ø16mm
 Weight 8g



Buzzer Sound
 Protruding
 Head Ø24mm
 Cut-out Ø16mm
 Weight 12g
 Sound 80dB (1mt)
 IP 20



Momentary
 non illuminated



● Red	CD16/24 PGM OR	-
● Green	CD16/24 PGM OG	.
● Yellow	CD16/24 PGM OY	.
● Blue	CD16/24 PGM OB	.
○ White	CD16/24 PGM OW	.
● Black	CD16/24 PGM ON	.

Momentary
 illuminated



● Red	CD16/24 PGM TR	-
● Green	CD16/24 PGM TG	-
● Yellow	CD16/24 PGM TY	-
● Amber	CD16/24 PGM TA	-
● Blue	CD16/24 PGM TB	-
○ White	CD16/24 PGM TW	-

Latched
 non illuminated



● Red	CD16/24 PGP OR	-
● Green	CD16/24 PGP OG	-
● Yellow	CD16/24 PGP OY	-
● Blue	CD16/24 PGP OB	-
○ White	CD16/24 PGP OW	-
● Black	CD16/24 PGP ON	-

Latched
 illuminated



● Red	CD16/24 PGP TR	-
● Green	CD16/24 PGP TG	-
● Yellow	CD16/24 PGP TY	-
● Amber	CD16/24 PGP TA	-
● Blue	CD16/24 PGP TB	-
○ White	CD16/24 PGP TW	-

Buzzer Sound



-	CD16 AB 24
-	CD16 AB 48

Series CD16 - ø16mm

Product range

with transparent cover guard 24x24mm

A type
 Protruding
 Head 24x24mm
 Cut-out Ø16mm
 Weight 9g



B type
 Flush Mounting
 Head 27x27mm
 Cut-out 24x24mm
 Weight 13g



Momentary
 non illuminated



● Red	CD16/24 PGM OR	CD16/24B PGM OR
● Green	CD16/24 PGM OG	CD16/24B PGM OG
● Yellow	CD16/24 PGM OY	CD16/24B PGM OY
● Blue	CD16/24 PGM OB	CD16/24B PGM OB
○ White	CD16/24 PGM OW	CD16/24B PGM OW
● Black	CD16/24 PGM ON	CD16/24B PGM ON

Momentary
 illuminated



● Red	CD16/24 PGM TR	CD16/24B PGM TR
● Green	CD16/24 PGM TG	CD16/24B PGM TG
● Yellow	CD16/24 PGM TY	CD16/24B PGM TY
● Amber	CD16/24 PGM TA	CD16/24B PGM TA
● Blue	CD16/24 PGM TB	CD16/24B PGM TB
○ White	CD16/24 PGM TW	CD16/24B PGM TW

Latched
 non illuminated



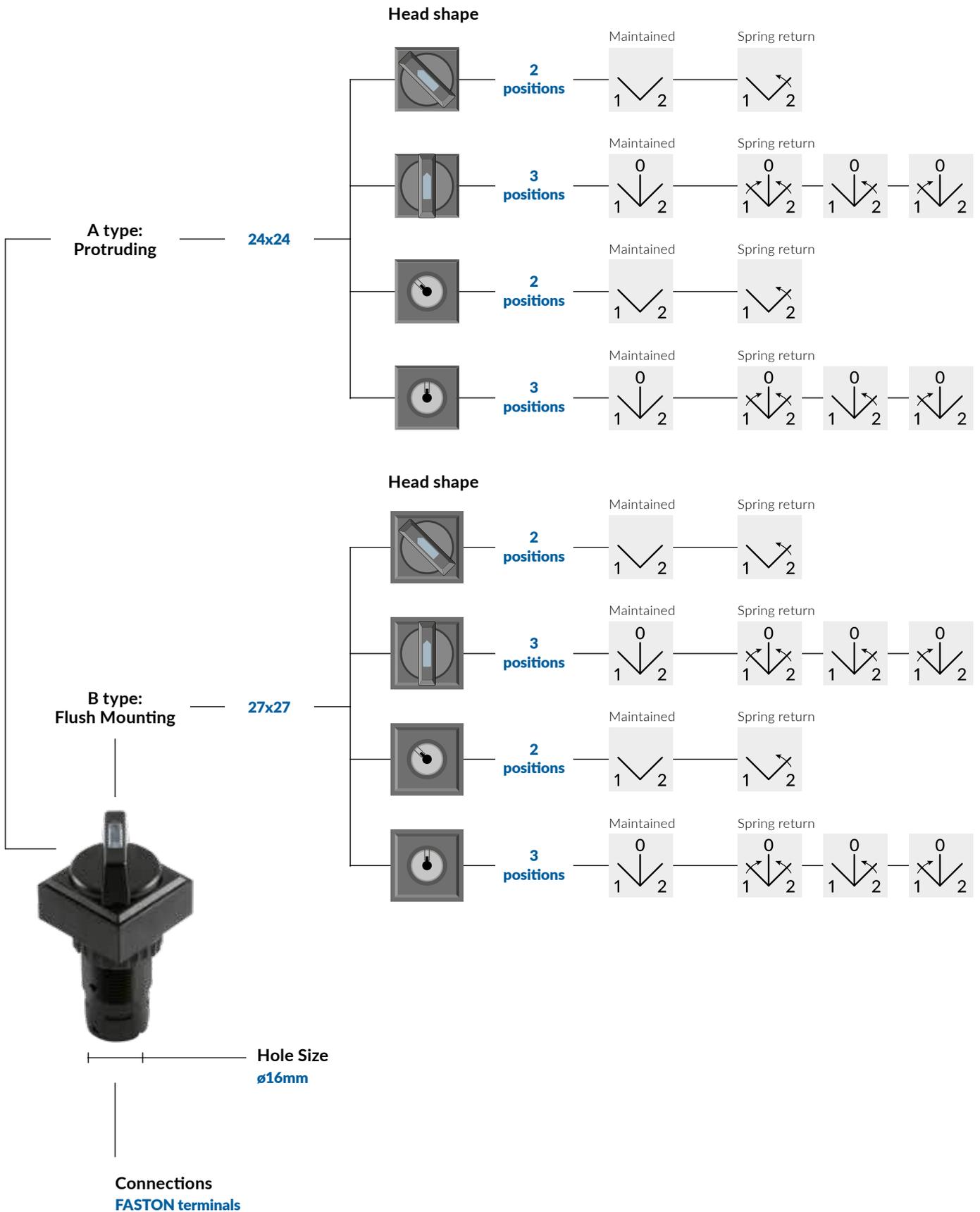
● Red	CD16/24 PGP OR	CD16/24B PGP OR
● Green	CD16/24 PGP OG	CD16/24B PGP OG
● Yellow	CD16/24 PGP OY	CD16/24B PGP OY
● Blue	CD16/24 PGP OB	CD16/24B PGP OB
○ White	CD16/24 PGP OW	CD16/24B PGP OW
● Black	CD16/24 PGP ON	CD16/24B PGP ON

Latched
 illuminated



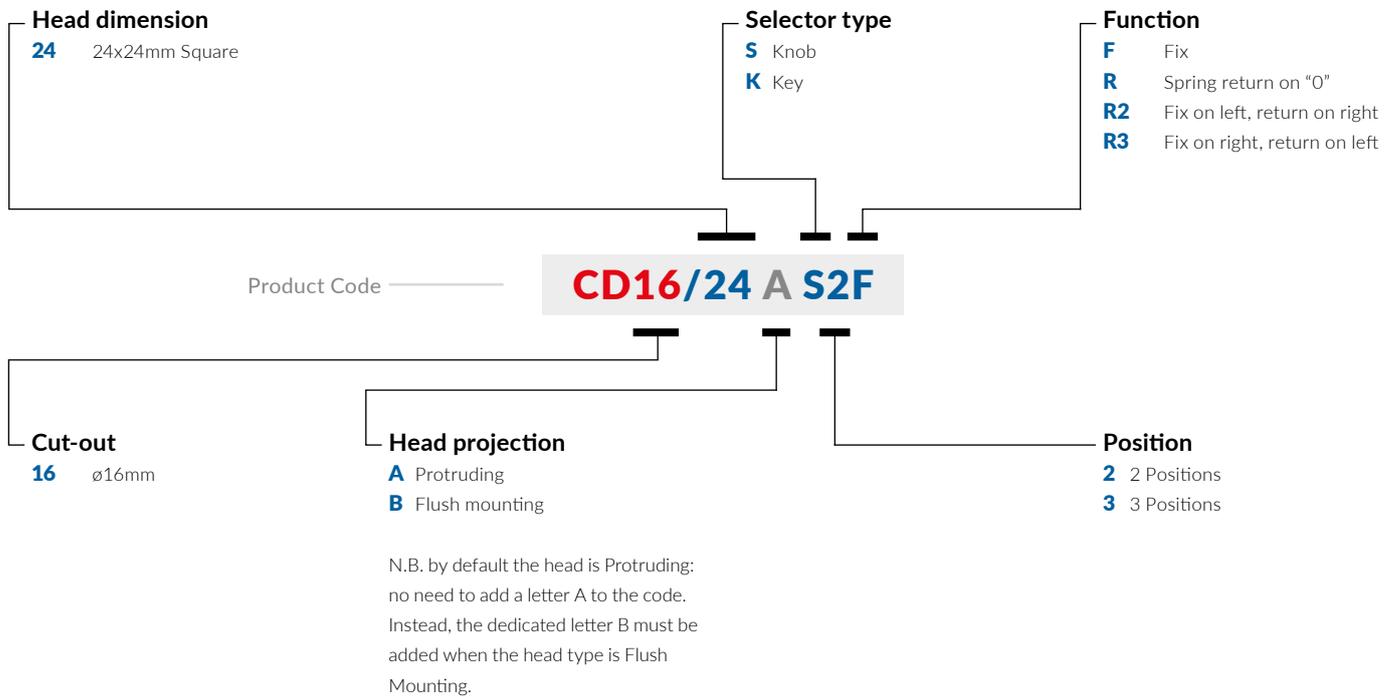
● Red	CD16/24 PGP TR	CD16/24B PGP TR
● Green	CD16/24 PGP TG	CD16/24B PGP TG
● Yellow	CD16/24 PGP TY	CD16/24B PGP TY
● Amber	CD16/24 PGP TA	CD16/24B PGP TA
● Blue	CD16/24 PGP TB	CD16/24B PGP TB
○ White	CD16/24 PGP TW	CD16/24B PGP TW

Note: Latched Pushbutton requires a minimum Contact elements configuration please search tick symbol on pagepagina 164 andpagina 165



Series CD16 - ø16mm

Coding





Series CD16 - ø16mm

Product range

Knob selector switch

A type
 Protruding
 Head 24x24mm
 Cut-out Ø16mm
 Weight 12g



B type
 Flush Mounting
 Head 27x27mm
 Cut-out 24x24mm
 Weight 15g



Actuator for selector switch 2 positions



Maintained

CD16/24 S2F

CD16/24B S2F



Spring Return

CD16/24 S2R

CD16/24B S2R

Actuator for selector switch 3 positions



Maintained

CD16/24 S3F

CD16/24B S3F



Spring Return

CD16/24 S3R

CD16/24B S3R



Spring Return

CD16/24 S3R2

CD16/24B S3R2



Spring Return

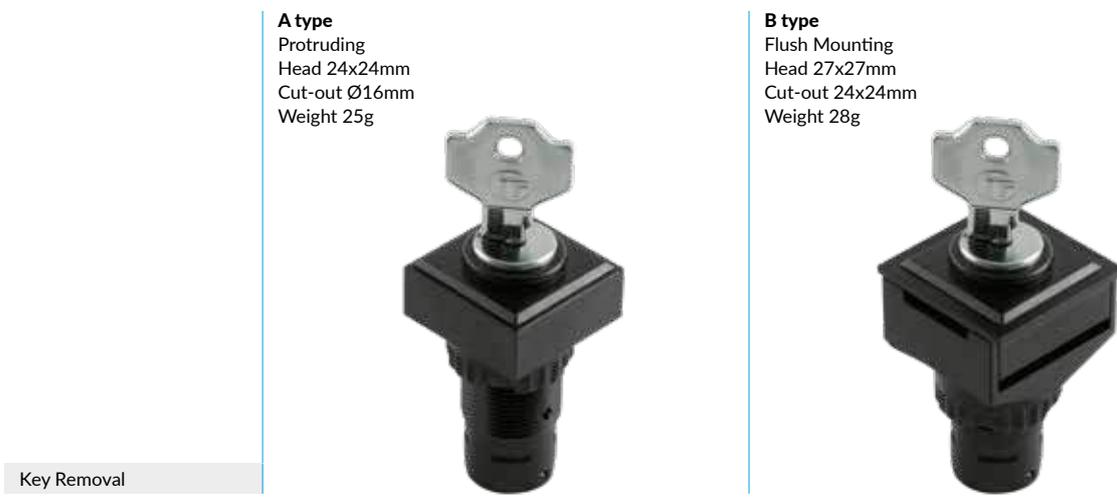
CD16/24 S3R3

CD16/24B S3R3

Series CD16 - ø16mm

Product range

Key selector switch



Key Removal

Actuator for key switch 2 positions



Maintained	1 - 2	CD16/24 K2F1	CD16/24B K2F1
	1 - -	CD16/24 K2F2	CD16/24B K2F2
	- - 2	CD16/24 K2F3	CD16/24B K2F3



Spring Return	1 - -	CD16/24 K2R1	CD16/24B K2R1
---------------	-------	--------------	---------------

Actuator for key switch 3 positions



Maintained	1 0 2	CD16/24 K3F1	CD16/24B K3F1
	1 - -	CD16/24 K3F2	CD16/24B K3F2
	- 0 -	CD16/24 K3F3	CD16/24B K3F3
	- - 2	CD16/24 K3F4	CD16/24B K3F4



Spring Return	- 0 -	CD16/24 K3R1	CD16/24B K3R1
---------------	-------	--------------	---------------



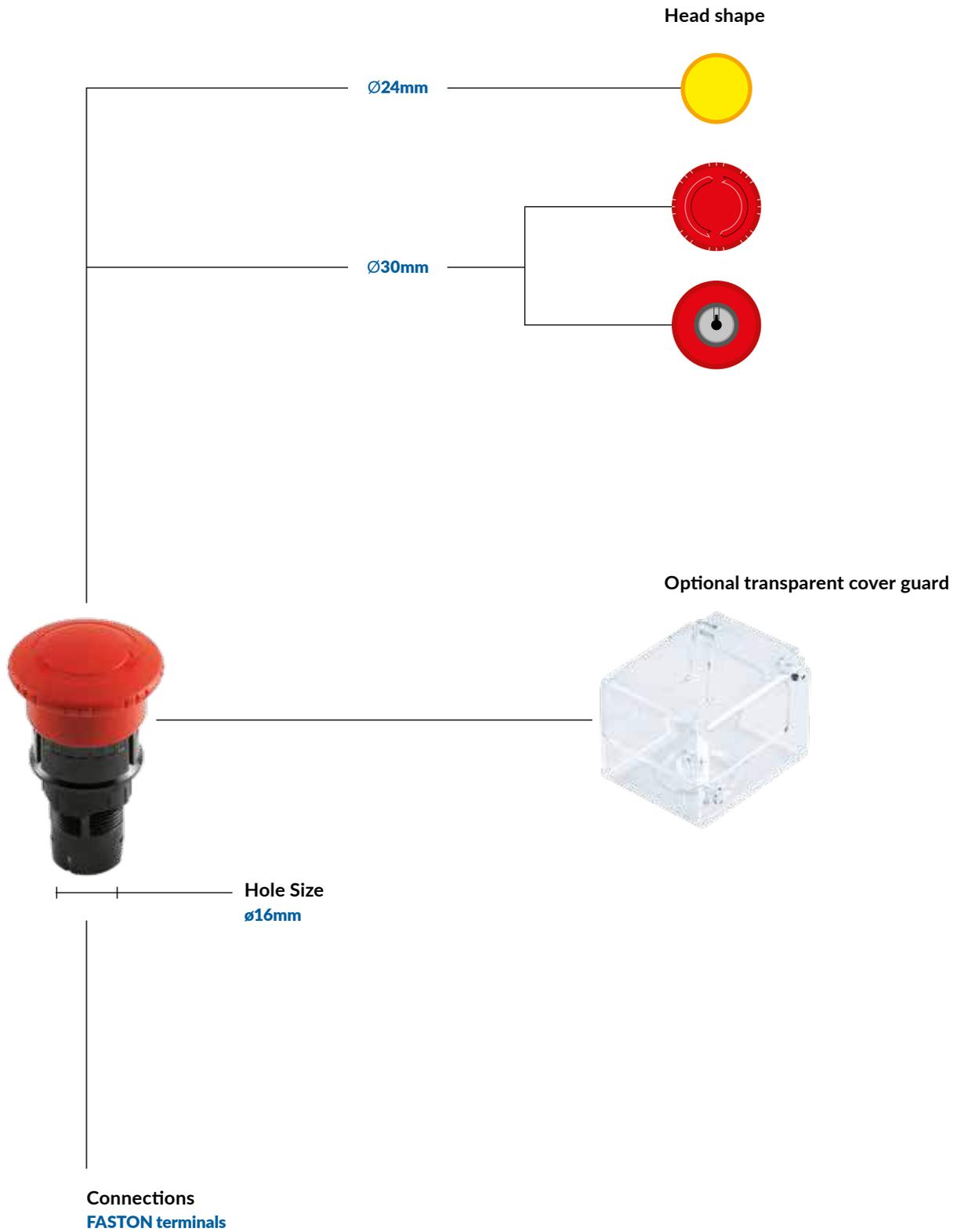
Spring Return	- 0 -	CD16/24 K3R2	CD16/24B K3R2
	1 - -	CD16/24 K3R21	CD16/24B K3R21



Spring Return	- 0 -	CD16/24 K3R3	CD16/24B K3R3
	- - 2	CD16/24 K3R31	CD16/24B K3R31

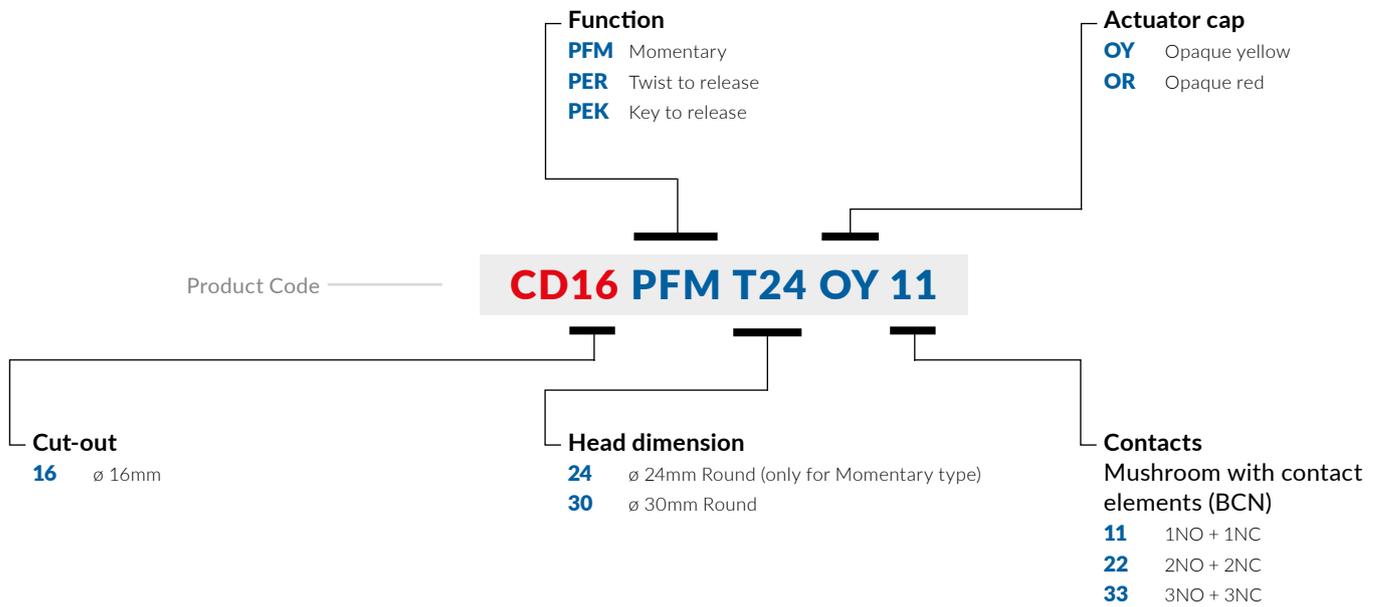


Series CD16 - \varnothing 16mm



Series CD16 - ø16mm

Coding





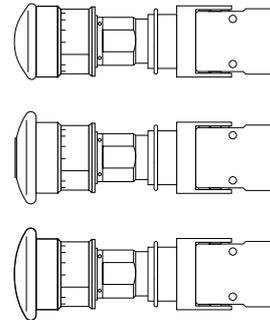
Series CD16 - ø16mm

Emergency mushroom with full cover guard

Attention!

Mushroom head pushbuttons are supplied together with contact blocks only.

Cut-out Ø16mm



Momentary mushroom head



● Yellow

Head Ø24mm

	NO	NC		
Mushroom with 1NO + 1NC	1	1	CD16 PFM T24 OY 11	Weight 26g
Mushroom with 2NO + 2NC	2	2	CD16 PFM T24 OY 22	Weight 29g
Mushroom with 3NO + 3NC	3	3	CD16 PFM T24 OY 33	Weight 33g

Emergency mushroom - twist to release



● Red

Head Ø30mm

	NO	NC		
Mushroom with 1NO + 1NC	1	1	CD16 PER T30 OR 11	Weight 27g
Mushroom with 2NO + 2NC	2	2	CD16 PER T30 OR 22	Weight 30g
Mushroom with 3NO + 3NC	3	3	CD16 PER T30 OR 33	Weight 34g

Emergency mushroom - key release



● Red

Head Ø30mm

	NO	NC		
Mushroom with 1NO + 1NC	1	1	CD16 PER T30 OR 11	Weight 30g
Mushroom with 2NO + 2NC	2	2	CD16 PER T30 OR 22	Weight 33g
Mushroom with 3NO + 3NC	3	3	CD16 PER T30 OR 33	Weight 37g

Cover guard



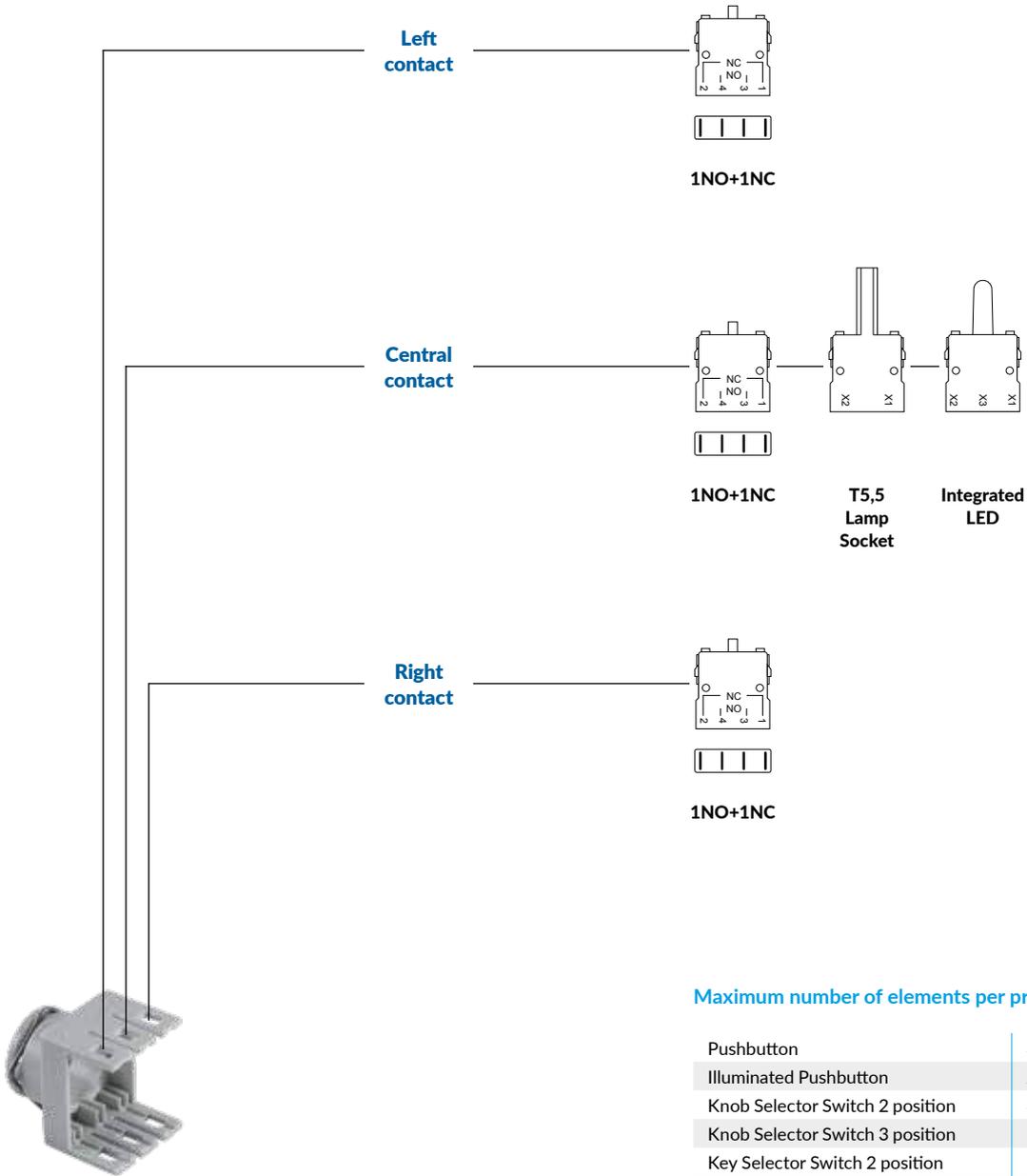
Transparent	CD16 GSP 2
Transparent + padlock	CD16 GSP 3

Width 35mm
Height 34mm
Depth 44mm

Cut-out Ø16mm
Weight 16 and 40g

Series CD16 - ø16mm

Contact block combinations



Maximum number of elements per product

Pushbutton	3NO+3NC
Illuminated Pushbutton	2NO+2NC+LED
Knob Selector Switch 2 position	3NO+3NC
Knob Selector Switch 3 position	1NO+1NC for each position
Key Selector Switch 2 position	1NO+1NC for each position
Key Selector Switch 3 position	1NO+1NC for each position
Emergency Pushbutton	3NO+3NC



Series CD16 - ø16mm

Product range

Support base with contact and light elements

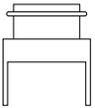
**Support base
for contact elements**
Weight 2g



**Contact Element
Double 1NO+1NC**
Weight 4g

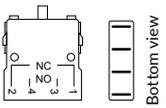


Support Base



CD16 BF3

Contact Element: 1 open + 1 close



1NO + 1NC
(3-4 + 1-2) Double

-

CD16 ECN 11

Series CD16 - ø16mm

Product range

Support base with contact and light elements

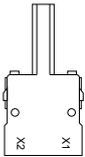
T5,5 Lamp Socket element
Weight 5g



Integrated LED elements
Weight 4g



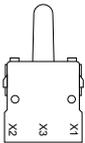
T5.5 Lamp Socket element



CD16 EPL

Attention! More informations about LED lamps T5.5 on pagepagina 211

Integrated LED element



● Red	-	CD16 ELED R Vxx
● Green	-	CD16 ELED G Vxx
● Yellow	-	CD16 ELED Y Vxx
● Amber	-	CD16 ELED A Vxx
● Blue	-	CD16 ELED B Vxx
○ White	-	CD16 ELED W Vxx
● Red/Green	-	CD16 ELED RG Vxx



Integrated LED element, Blinking Light

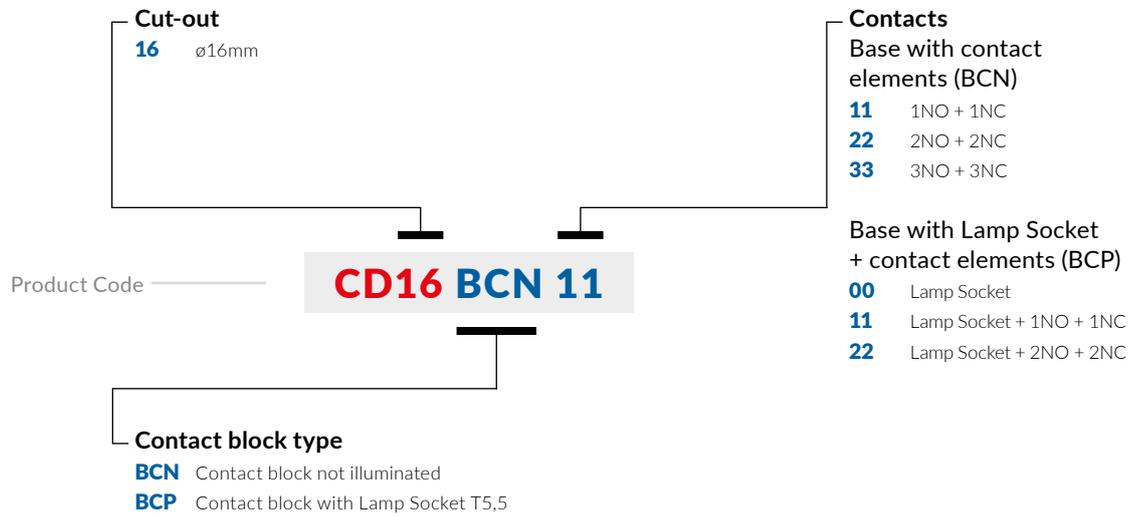


● Red	-	CD16 ELED BR Vxx
● Green	-	CD16 ELED BG Vxx
● Yellow	-	CD16 ELED BY Vxx
● Amber	-	CD16 ELED BA Vxx
● Blue	-	CD16 ELED BB Vxx
○ White	-	CD16 ELED BW Vxx

24V and 48V only



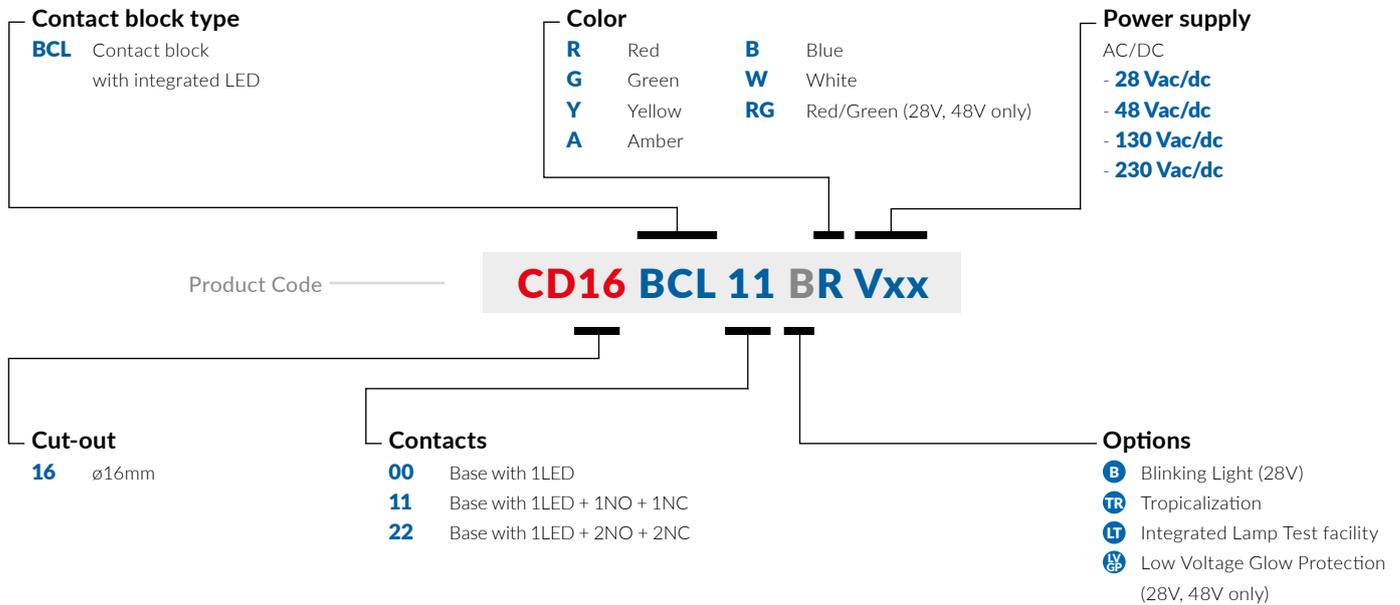
Contact block not illuminated and Contact block with Lamp Socket T5,5



Series CD16 - ø16mm

Coding

Contact block illuminated with integrated LED





Series CD16 - ø16mm

Product range

Contact Blocks not Illuminated with support base and Contact Blocks Illuminated with Lamp Socket for T5,5

Contact Block



NO | NC

Contact Block with Lamp Socket T5,5



Base with Contact Element

✓	Base with 1NO + 1NC	1	1	CD16 BCN 11	-	Weight 8g
✓	Base with 2NO + 2NC	2	2	CD16 BCN 22	-	Weight 11g
✓	Base with 3NO + 3NC	3	3	CD16 BCN 33	-	Weight 15g

LAMP | NO | NC

Base with with Lamp Socket

Base with Lamp Socket	1	-	-	-	CD16 BCP 00	Weight 7g
-----------------------	---	---	---	---	-------------	-----------

Base with with Lamp Socket and Contact Element

✓	Base with LAMP + 1NO + 1NC	1	1	1	-	CD16 BCP 11	Weight 13g
	Base with LAMP + 2NO + 2NC	1	2	2	-	CD16 BCP 22	Weight 15g

Attention! LED Lamps T5,5 not included.

More informations about LED lamps T5.5 on pagepagina 211



Note: Suitable for Pushbutton Latched type



Base CD16 BF3



Contact Element 1NO+1NC CD16 ECN 11



Base CD16 BF3



Contact Element 1NO+1NC CD16 ECN 11



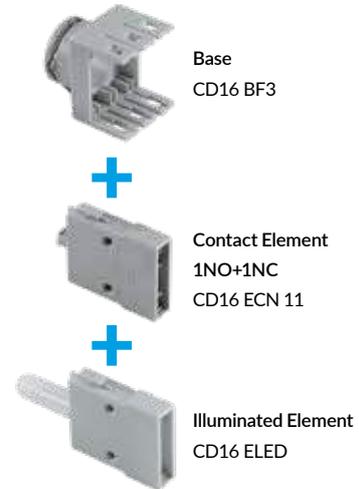
Lamp Socket CD16 EPL

Series CD16 - ø16mm

Product range

Contact Blocks illuminated with integrated LED

Contact Block with integrated LED



LED | NO | NC

Base with luminous element

● Red	1	-	-	CD16 BCL 00 R Vxx	LT TR	LV GP B	24V and 48V only	} Weight 6g
● Green	1	-	-	CD16 BCL 00 G Vxx	LT TR	LV GP B	24V and 48V only	
● Yellow	1	-	-	CD16 BCL 00 Y Vxx	LT TR	LV GP B	24V and 48V only	
● Amber	1	-	-	CD16 BCL 00 A Vxx	LT TR	LV GP B	24V and 48V only	
● Blue	1	-	-	CD16 BCL 00 B Vxx	LT TR	LV GP B	24V and 48V only	
○ White	1	-	-	CD16 BCL 00 W Vxx	LT TR	LV GP B	24V and 48V only	
● Red/Green	1	-	-	CD16 BCL 00 RG Vxx	TR			

Base with 1LED + 1NO + 1NC

● Red	1	1	1	CD16 BCL 11 R Vxx	LT TR	LV GP B	24V and 48V only	} Weight 12g
● Green	1	1	1	CD16 BCL 11 G Vxx	LT TR	LV GP B	24V and 48V only	
● Yellow	1	1	1	CD16 BCL 11 Y Vxx	LT TR	LV GP B	24V and 48V only	
● Amber	1	1	1	CD16 BCL 11 A Vxx	LT TR	LV GP B	24V and 48V only	
● Blue	1	1	1	CD16 BCL 11 B Vxx	LT TR	LV GP B	24V and 48V only	
○ White	1	1	1	CD16 BCL 11 W Vxx	LT TR	LV GP B	24V and 48V only	
● Red/Green	1	1	1	CD16 BCL 11 RG Vxx	TR			

Base with 1LED + 2NO + 2NC

● Red	1	2	2	CD16 BCL 22 R Vxx	LT TR	LV GP B	24V and 48V only	} Weight 14g
● Green	1	2	2	CD16 BCL 22 G Vxx	LT TR	LV GP B	24V and 48V only	
● Yellow	1	2	2	CD16 BCL 22 Y Vxx	LT TR	LV GP B	24V and 48V only	
● Amber	1	2	2	CD16 BCL 22 A Vxx	LT TR	LV GP B	24V and 48V only	
● Blue	1	2	2	CD16 BCL 22 B Vxx	LT TR	LV GP B	24V and 48V only	
○ White	1	2	2	CD16 BCL 22 W Vxx	LT TR	LV GP B	24V and 48V only	
● Red/Green	1	2	2	CD16 BCL 22 RG Vxx	TR			

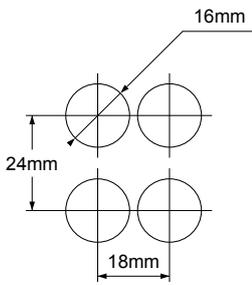


Note: Suitable for Pushbutton Latched type

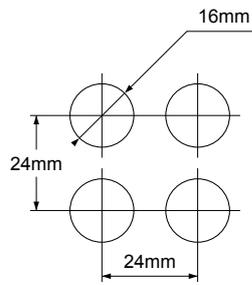


Cut-out dimensions A type Protruding

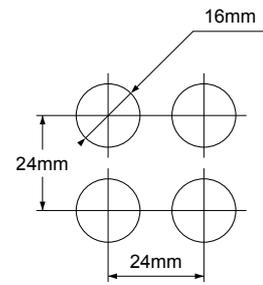
A type Protruding
component 18x18mm



A type Protruding
component 24x24mm

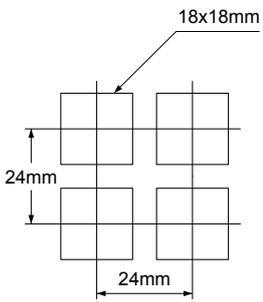


A type Protruding
component ϕ 24mm

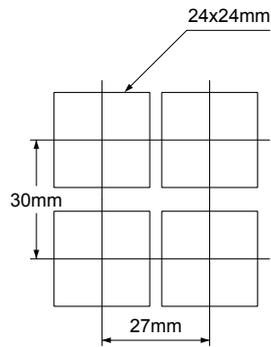


Cut-out dimensions B type Flush Mounting

B type Flush Mounting
component 24x24mm



B type Flush Mounting
component 27x27mm

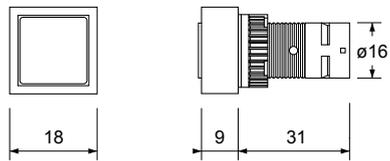


Series CD16 - ø16mm

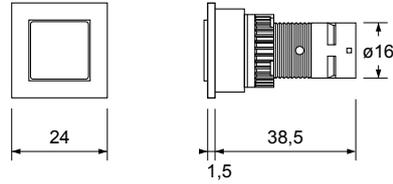
Dimensions

CD16/18 PSM

A type Protruding

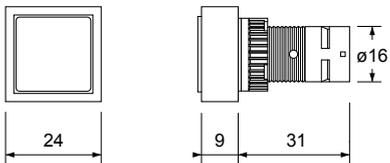


B type Flush Mounting

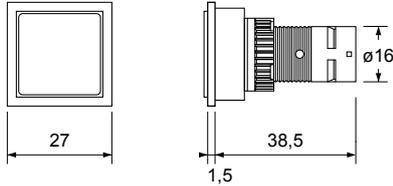


CD16/24 PSM

A type Protruding

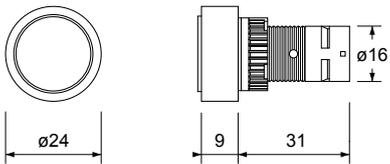


B type Flush Mounting



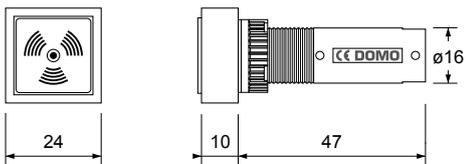
CD16/24 PRM

A type Protruding



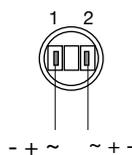
CD16 AB BUZZER

A type Protruding



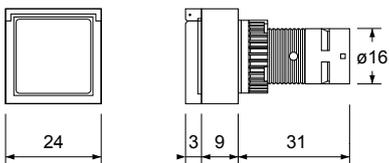
Faston terminals Tabs 2,8 x 0,8mm

Monocolor

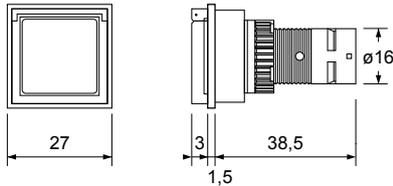


CD16/24 PGM

A type Protruding

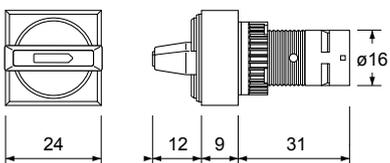


B type Flush Mounting

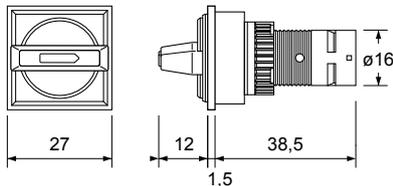


CD16/24 S2F

A type Protruding



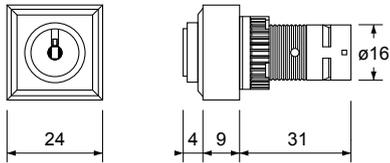
B type Flush Mounting



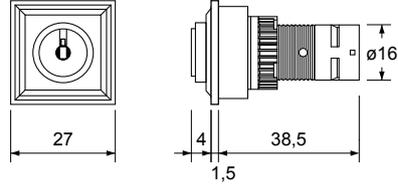


CD16/24 K2F

A type Protruding

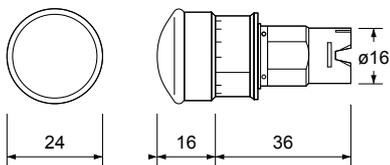


B type Flush Mounting



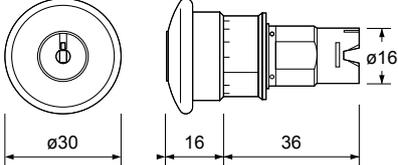
CD16 PFM

A type Protruding



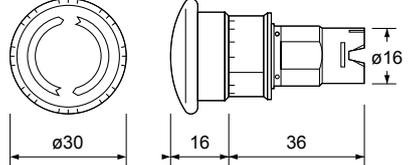
CD16 PER

A type Protruding



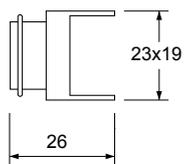
CD16 PEK

A type Protruding

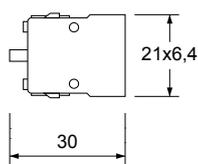


Contact elements

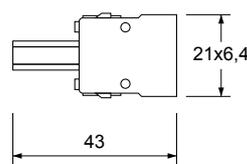
Support base



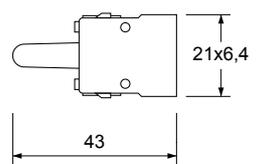
Contact element



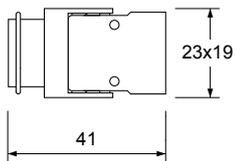
Element T5,5 Lamp Socket



Integrated LED element

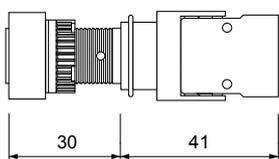


Contact block

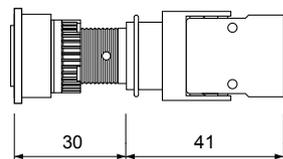


CD16/18 PSM + Contact block

A type Protruding



B type Flush Mounting

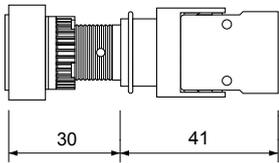


Series CD16 - ø16mm

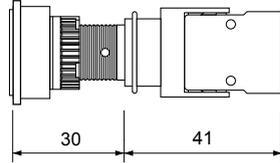
Dimensions

CD16/24 PSM + Contact block

A type Protruding

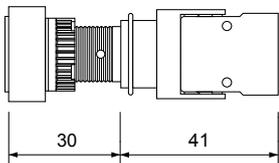


B type Flush Mounting



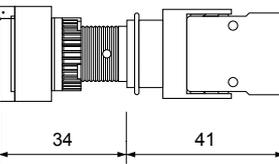
CD16/24 PRM + Contact block

A type Protruding

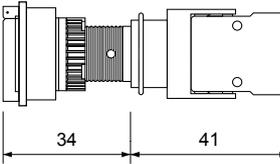


CD16/24 PGM + Contact block

A type Protruding

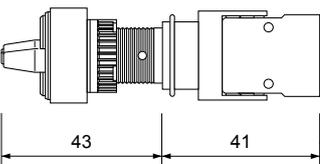


B type Flush Mounting

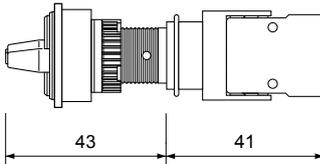


CD16/24 S2F + Contact block

A type Protruding

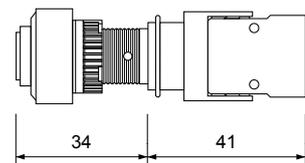


B type Flush Mounting

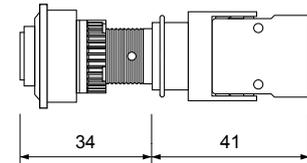


CD16/24 K2F + Contact block

A type Protruding

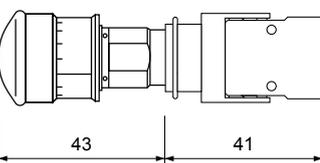


B type Flush Mounting



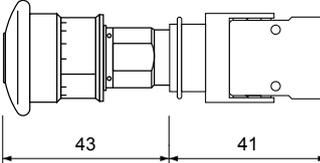
CD16 PFM + Contact block

A type Protruding



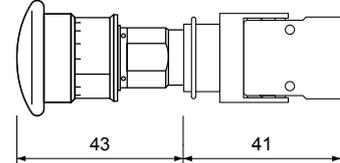
CD16 PER + Contact block

A type Protruding



CD16 PEK + Contact block

A type Protruding





Pushbutton Switches

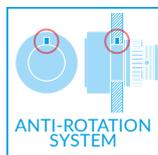
Pushbuttons Ø22mm

Series DX22

Conforming to standards as:	IEC60947-5-1 GB / T14048.1 GB14048.5
Environmental conditions:	
- Service	-5°C ~ +55°C
- Storage temperature	-25°C ~ +70°C
- Humidity	35 ~ 85%RH
Vibration frequency:	Conforming to IEC 68-2-6
Impact resistance:	Conforming to IEC 68-2-27
Pollution degree:	3, as per EN IEC 60947-1
Overtoltage category:	III, as per EN IEC 60947-5-1
Protection degree:	
- Pushbutton	IP67
- Double Pushbutton	IP65
- Selector Switches	IP67
- Emergency pushbutton	IP65
Mechanical life:	
- Pushbutton	30000
- Emergency Pushbutton	3000
Fastening torque:	0.8Nm (Max.: 1.2Nm)



Easy to connect thanks to the Screw terminals.



Anti-rotation System.

Customs tariff: **85389091**

Contact characteristics

Switch rating

~ AC-15: A600 or $U_e = 240\text{ V}$ and $I_e = 3\text{ A}$
 == DC-13: Q - 600 or $U_e = 250\text{ V}$ and $I_e = 0.27\text{ A}$
 conforming to IEC 947-5-1

Rated Insulation Voltage

$U_i = 600\text{ V}$

Rated Impulse Withstand Voltage

$U_{imp} = 6\text{ kV}$ in accordance with IEC 60947-1

Contact actions

Slow break (NC or NO)

Contact block operating materials:

Silver alloy Ag/Ni Self Cleaning creeping action slow break

Wiring section

Single ship wire: $0.75\text{ mm}^2 - 2.5\text{ mm}^2$
 Strand wire: $0.5\text{ mm}^2 - 1.5\text{ mm}^2$

Rated Impulse Withstand Voltage U_{imp}

10A as per EN IEC 60947-5-1

Rated working voltage

	415	380	250	240	220	125	110
--	-----	-----	-----	-----	-----	-----	-----

Rated working current

AC-15	1.9	2.5	-	3	4.5	-	-
AC-13	-	-	0.27	-	0.3	0.55	0.6

LED Lamp BA9s Socket

Power consumption

15mA

Operating voltage

AC/DC - 4V - 6V - 12V - 28V - 48V - 130V - 230V

Compliance:

Directive 2006/95/EC Low Voltage

Directive 2004/108/EC Electromagnetic Compatibility

Directive 2011/65/EC RhOS

Directive 2006/42/EC Machinery

Conformity to standards:

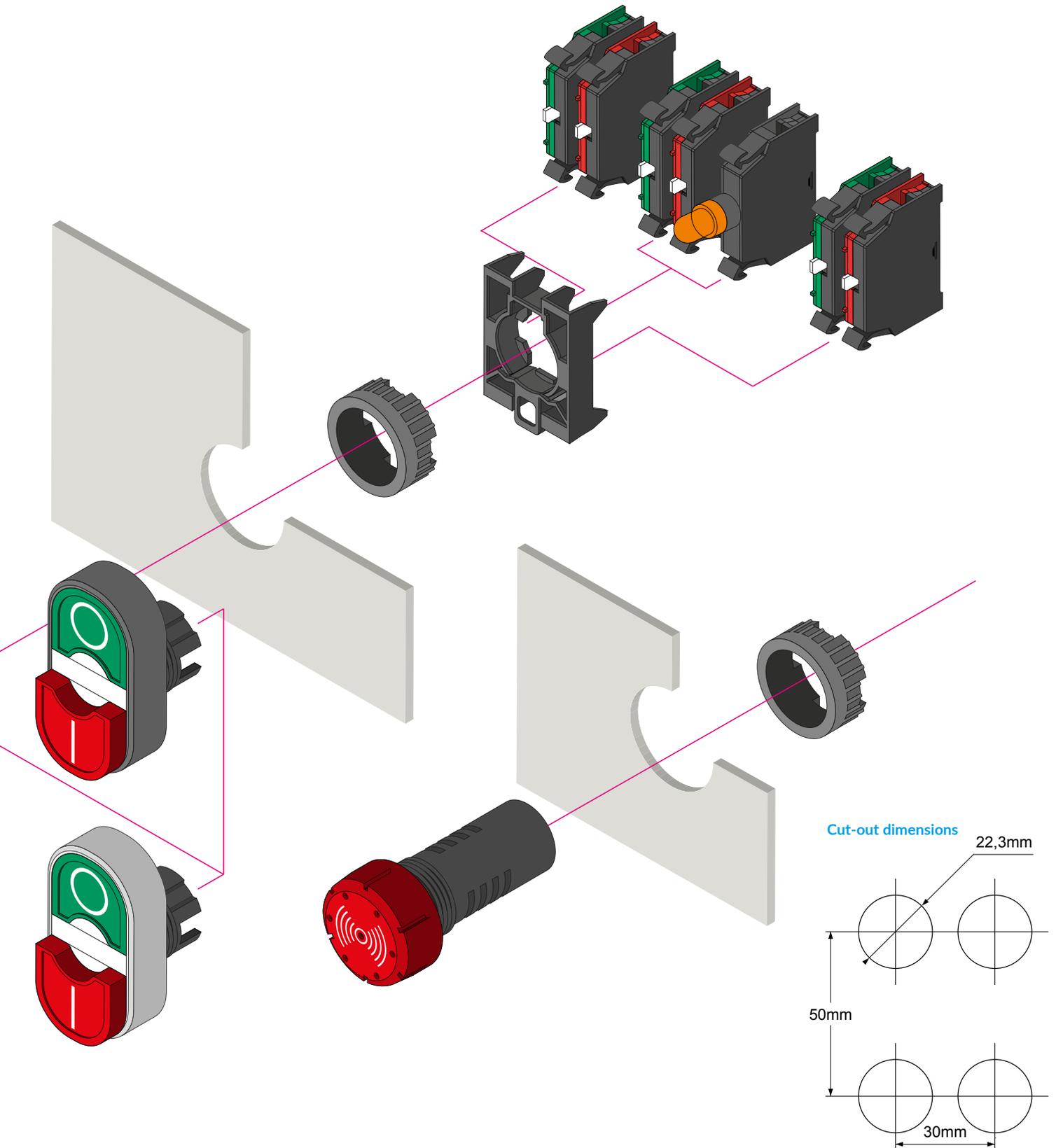
EN 60947.5.1 / EN 60073 / EN 60529 / EN 60068-2-6 /

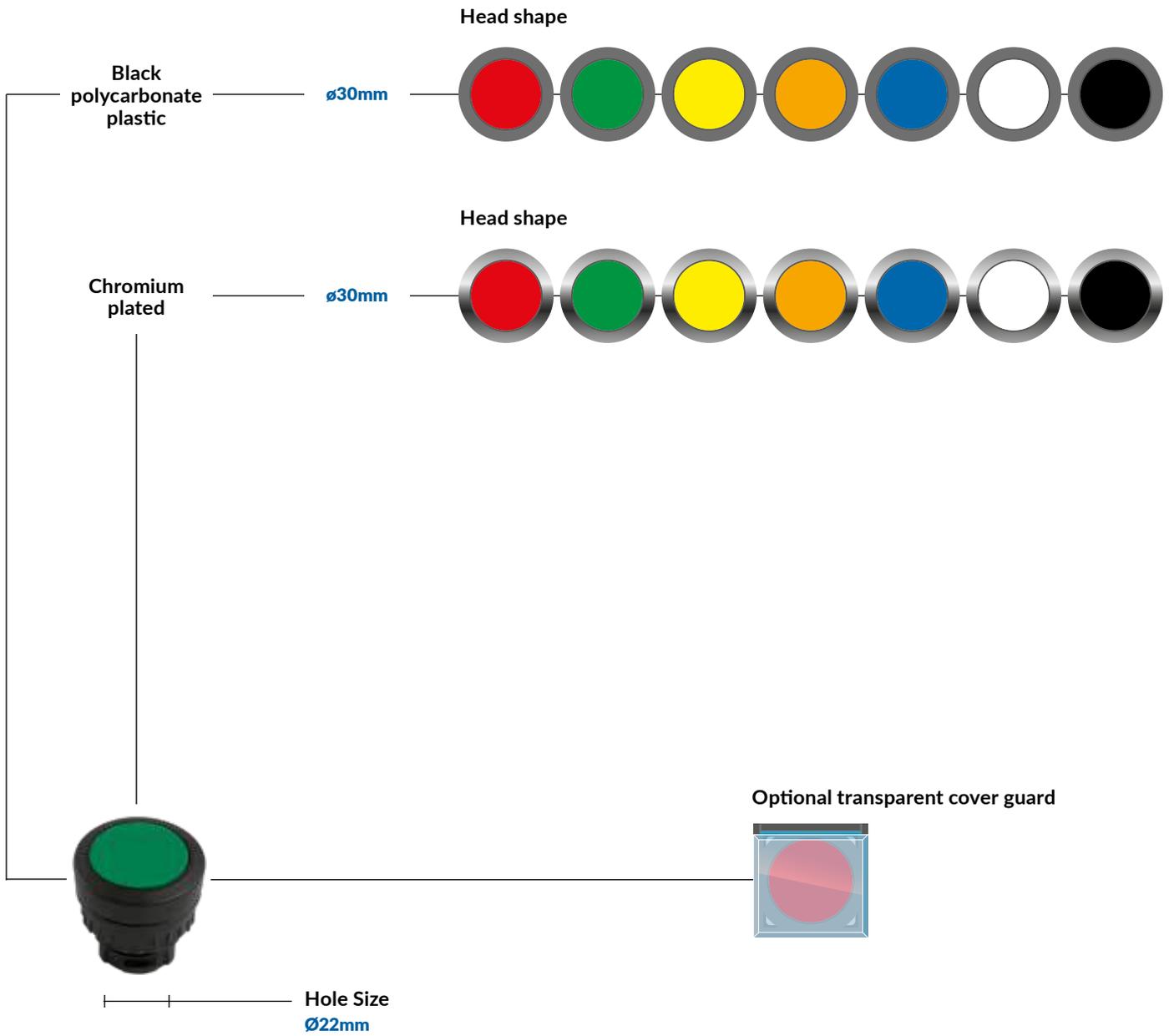
EN 60204.1 / EN ISO 7731 / EN 981 / IEC 536

DOMO reserves the right to change, amend, modify, suspend, continue or terminate all or any part of the Product range either in an individual case or in general, at any time without notice.

Series DX22 - $\varnothing 22\text{mm}$

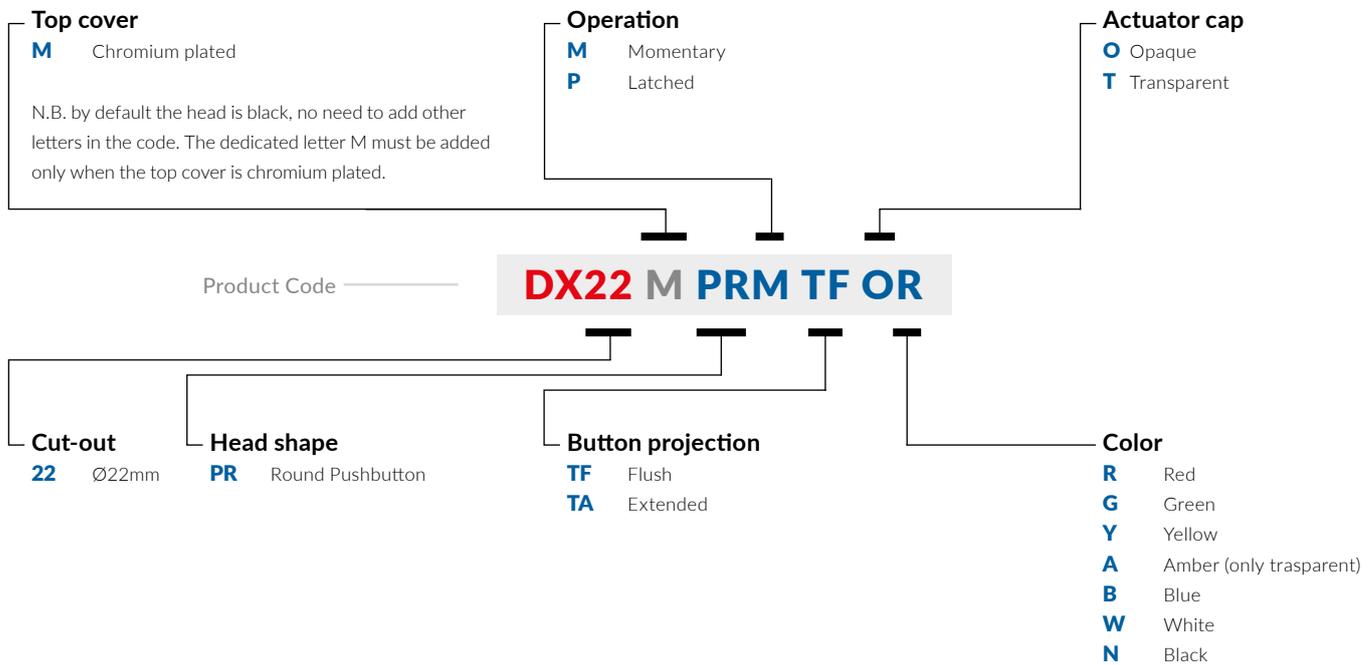
Overall view sample





Series DX22 - ø22mm

Coding





Series DX22 - ø22mm

Product range

Simple button, IP67

Black polycarbonate plastic

Flush
 Black polycarbonate plastic
 Head Ø30mm
 Cut-out Ø22mm
 Weight 12g



Extended
 Black polycarbonate plastic
 Head Ø30mm
 Cut-out Ø22mm
 Weight 12g



Momentary non illuminated



● Red	DX22 PRM TF OR	DX22 PRM TA OR
● Green	DX22 PRM TF OG	DX22 PRM TA OG
● Yellow	DX22 PRM TF OY	DX22 PRM TA OY
● Blue	DX22 PRM TF OB	DX22 PRM TA OB
○ White	DX22 PRM TF OW	DX22 PRM TA OW
● Black	DX22 PRM TF ON	DX22 PRM TA ON

Momentary illuminated



● Red	DX22 PRM TF TR	DX22 PRM TA TR
● Green	DX22 PRM TF TG	DX22 PRM TA TG
● Yellow	DX22 PRM TF TY	DX22 PRM TA TY
● Amber	DX22 PRM TF TA	DX22 PRM TA TA
● Blue	DX22 PRM TF TB	DX22 PRM TA TB
○ White	DX22 PRM TF TW	DX22 PRM TA TW

Latched non illuminated



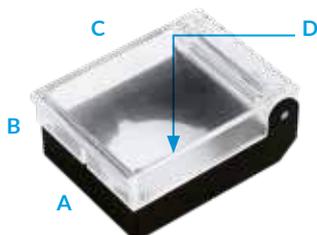
● Red	DX22 PRP TF OR	DX22 PRP TA OR
● Green	DX22 PRP TF OG	DX22 PRP TA OG
● Yellow	DX22 PRP TF OY	DX22 PRP TA OY
● Blue	DX22 PRP TF OB	DX22 PRP TA OB
○ White	DX22 PRP TF OW	DX22 PRP TA OW
● Black	DX22 PRP TF ON	DX22 PRP TA ON

Latched illuminated



● Red	DX22 PRP TF TR	DX22 PRP TA TR
● Green	DX22 PRP TF TG	DX22 PRP TA TG
● Yellow	DX22 PRP TF TY	DX22 PRP TA TY
● Amber	DX22 PRP TF TA	DX22 PRP TA TA
● Blue	DX22 PRP TF TB	DX22 PRP TA TB
○ White	DX22 PRP TF TW	DX22 PRP TA TW

Cover guard



Transparent	DX22 GSP 1
-------------	------------

- A Width 32mm
 - B Height 18mm
 - C Depth 43mm
 - D Cut-out Ø22mm
- Weight 10g

Series DX22 - ø22mm

Product range

Simple button, IP67

Chromium plated

Flush
Chromium plated
Head Ø30mm
Cut-out Ø22mm
Weight 12g



Extended
Chromium plated
Head Ø30mm
Cut-out Ø22mm
Weight 12g



Momentary non illuminated



● Red	DX22 M PRM TF OR	DX22 M PRM TA OR
● Green	DX22 M PRM TF OG	DX22 M PRM TA OG
● Yellow	DX22 M PRM TF OY	DX22 M PRM TA OY
● Blue	DX22 M PRM TF OB	DX22 M PRM TA OB
○ White	DX22 M PRM TF OW	DX22 M PRM TA OW
● Black	DX22 M PRM TF ON	DX22 M PRM TA ON

Momentary illuminated



● Red	DX22 M PRM TF TR	DX22 M PRM TA TR
● Green	DX22 M PRM TF TG	DX22 M PRM TA TG
● Yellow	DX22 M PRM TF TY	DX22 M PRM TA TY
● Amber	DX22 M PRM TF TA	DX22 M PRM TA TA
● Blue	DX22 M PRM TF TB	DX22 M PRM TA TB
○ White	DX22 M PRM TF TW	DX22 M PRM TA TW

Latched non illuminated



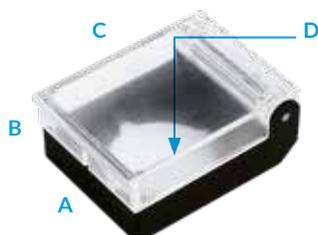
● Red	DX22 M PRP TF OR	DX22 M PRP TA OR
● Green	DX22 M PRP TF OG	DX22 M PRP TA OG
● Yellow	DX22 M PRP TF OY	DX22 M PRP TA OY
● Blue	DX22 M PRP TF OB	DX22 M PRP TA OB
○ White	DX22 M PRP TF OW	DX22 M PRP TA OW
● Black	DX22 M PRP TF ON	DX22 M PRP TA ON

Latched illuminated



● Red	DX22 M PRP TF TR	DX22 M PRP TA TR
● Green	DX22 M PRP TF TG	DX22 M PRP TA TG
● Yellow	DX22 M PRP TF TY	DX22 M PRP TA TY
● Amber	DX22 M PRP TF TA	DX22 M PRP TA TA
● Blue	DX22 M PRP TF TB	DX22 M PRP TA TB
○ White	DX22 M PRP TF TW	DX22 M PRP TA TW

Cover guard



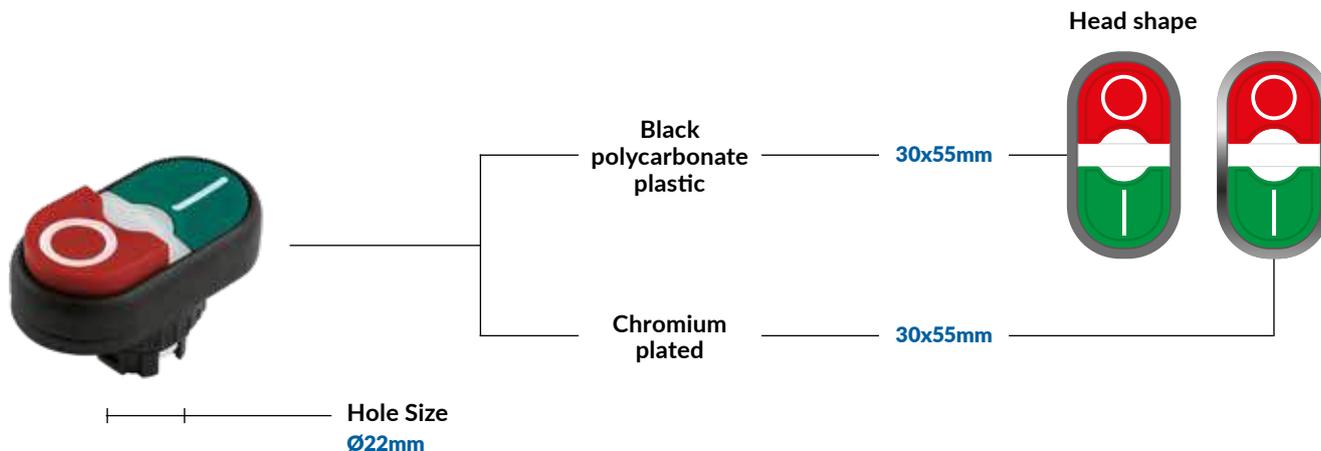
Transparent	DX22 GSP 1
-------------	------------

- A Width 32mm
- B Height 18mm
- C Depth 43mm
- D Cut-out Ø22mm



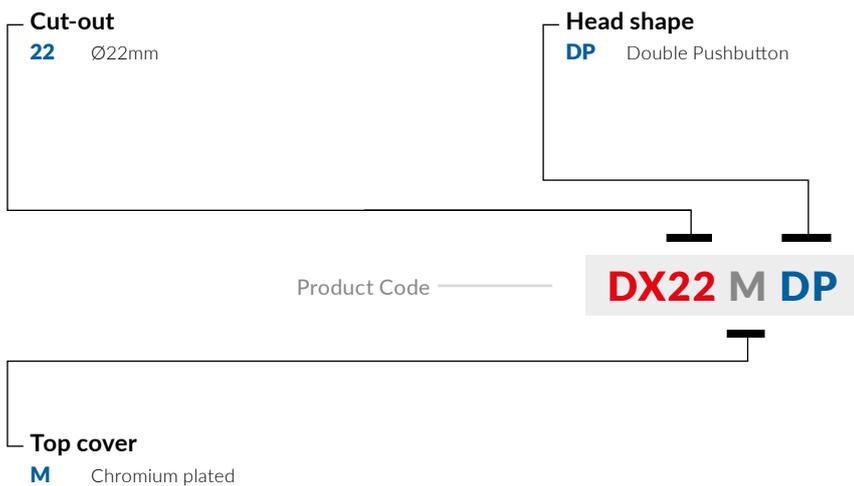
Series DX22 - ø22mm

Double button



Coding series DX22 - ø22mm

Double button



N.B. by default the head is black, no need to add other letters in the code. The dedicated letter M must be added only when the top cover is chromium plated.

Series DX22 - ø22mm

Product range

Double button, IP65

Black polycarbonate plastic

Black polycarbonate plastic
 Head 30x55mm
 Cut-out Ø22mm
 Weight 18g



DX22 DP

Chromium plated

Chromium plated
 Head 30x55mm
 Cut-out Ø22mm
 Weight 18g



DX22M DP

Colors

Caps

Lens

Momentary illuminated or non illuminated

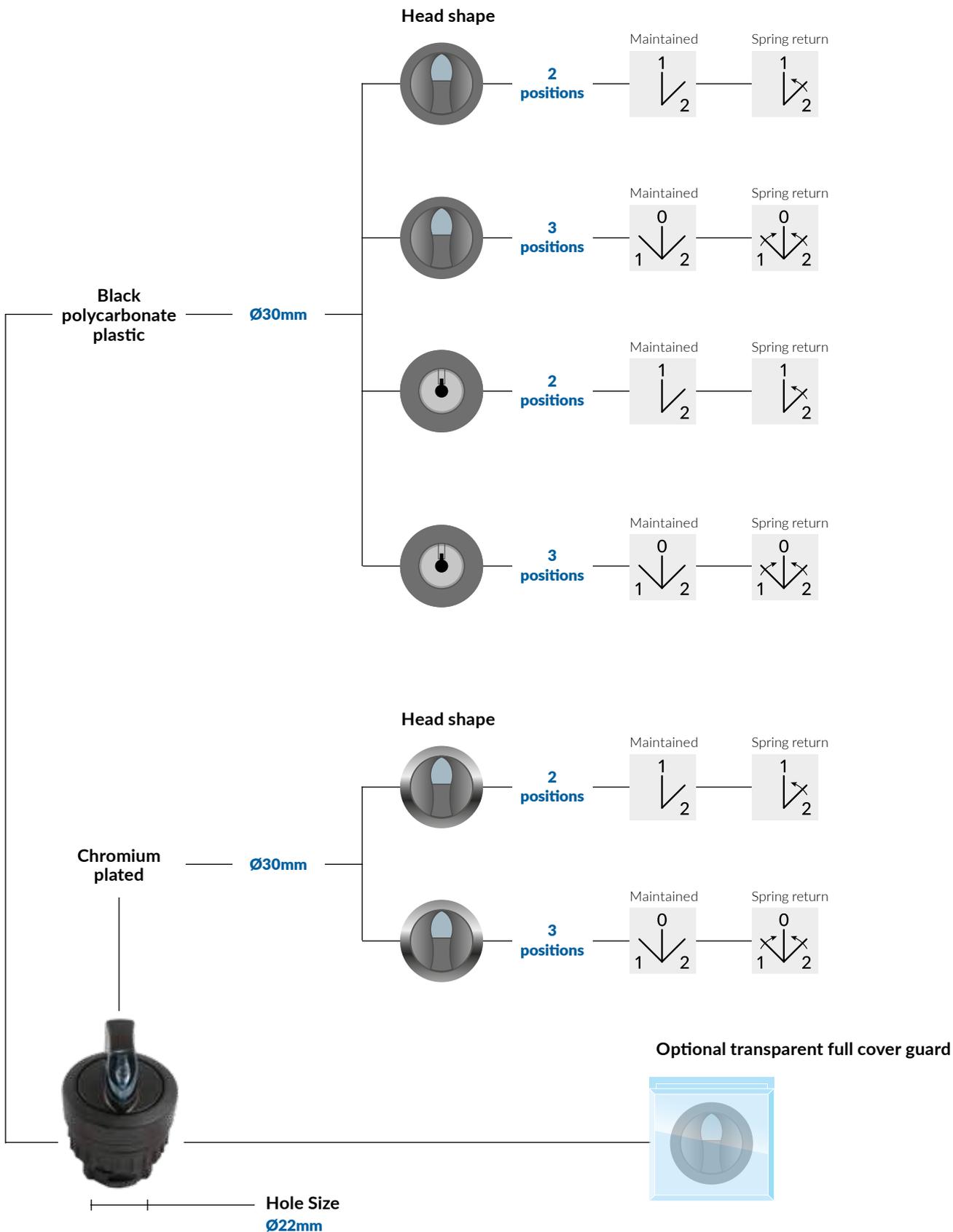
Red/Green

White



Series DX22 - ø22mm

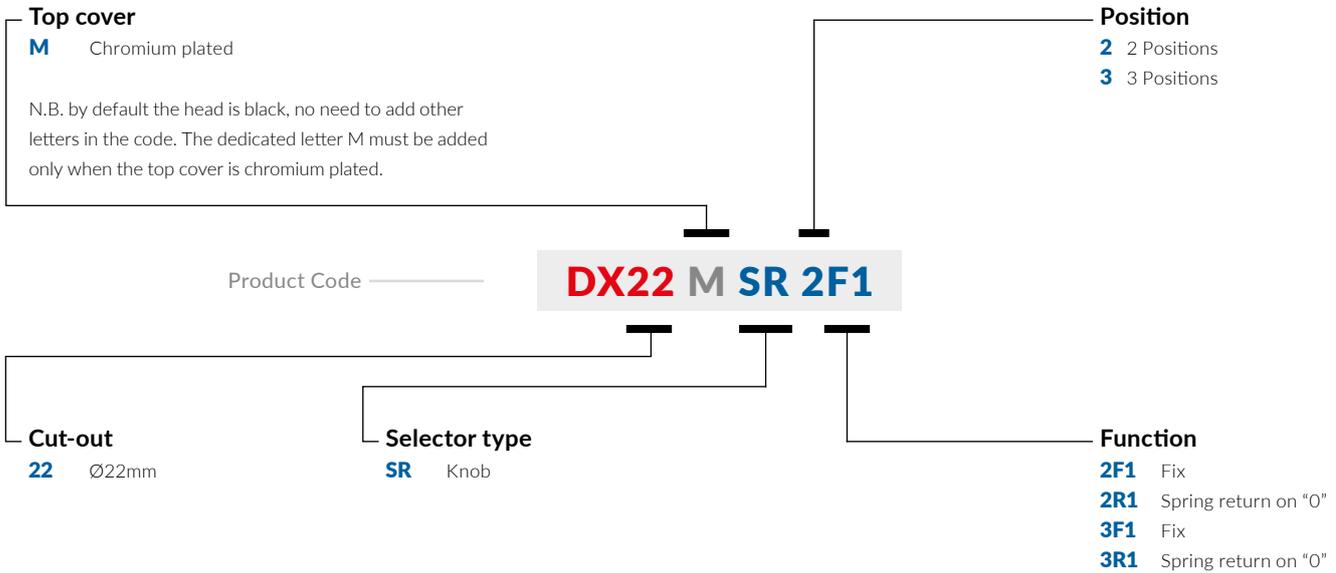
IP67



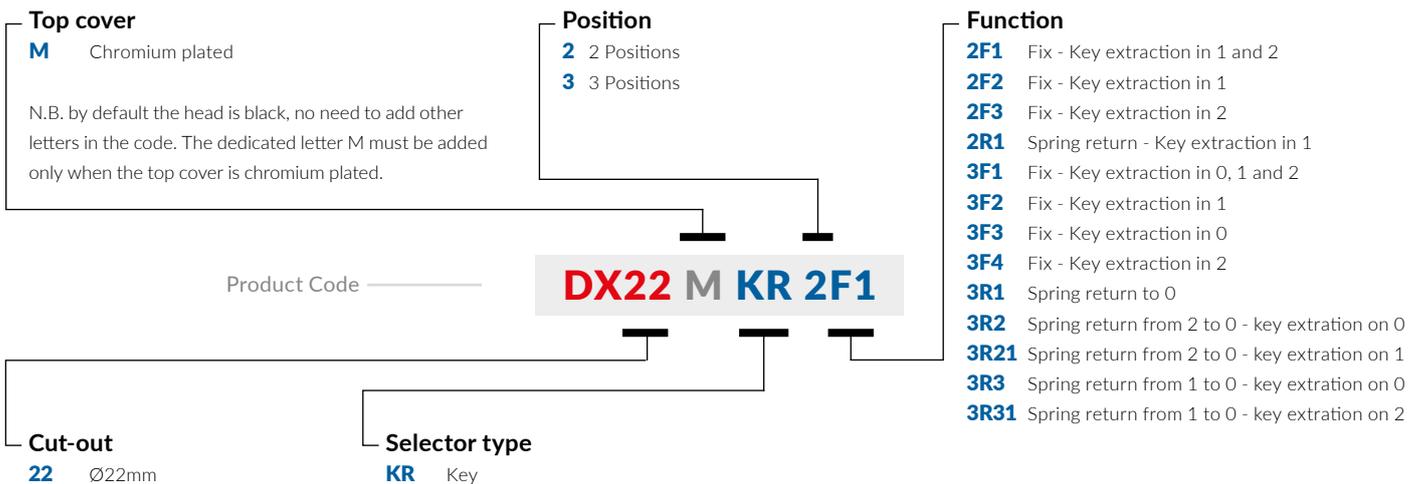
Series DX22 - ø22mm

Coding

Knob selector switch ø22mm



Key selector switch ø22mm





Series DX22 - ø22mm

Knob selector switch

Black polycarbonate plastic

SR
Black polycarbonate plastic
Head Ø30mm
Cut-out Ø22mm
Weight 14g



Chromium plated

M SR
Chromium plated
Head Ø30mm
Cut-out Ø22mm
Weight 14g



Actuator for selector switch 2 positions



Maintained

DX22 SR 2F1

DX22M SR 2F1



Spring Return

DX22 SR 2R1

DX22M SR 2R1

Actuator for selector switch 3 positions



Maintained

DX22 SR 3F1

DX22M SR 3F1

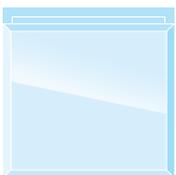


Spring Return

DX22 SR 3R1

DX22M SR 3R1

Full cover guard



Transparent

DX22 GSP 2

Transparent + padlock

DX22 GSP 3

Width 45mm
Height 40mm
Depth 45mm

Cut-out Ø22mm
Weight 26 and 50g

Series DX22 - ø22mm

Product range

Key selector switch

Black polycarbonate plastic

KR
 Black polycarbonate plastic
 Head Ø30mm
 Cut-out Ø22mm
 Weight 35g



Key Removal

Chromium plated

M KR
 Chromium plated
 Head Ø30mm
 Cut-out Ø22mm
 Weight 35g



Actuator for key switch 2 positions



1 - 2

DX22 KR 2F1

DX22M KR 2F1



1 - -

DX22 KR 2R1

DX22M KR 2R1

Actuator for key switch 3 positions



1 0 2

DX22 KR 3F1

DX22M KR 3F1

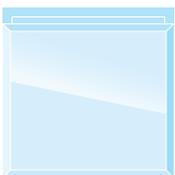


- 0 -

DX22 KR 3R1

DX22M KR 3R1

Full cover guard

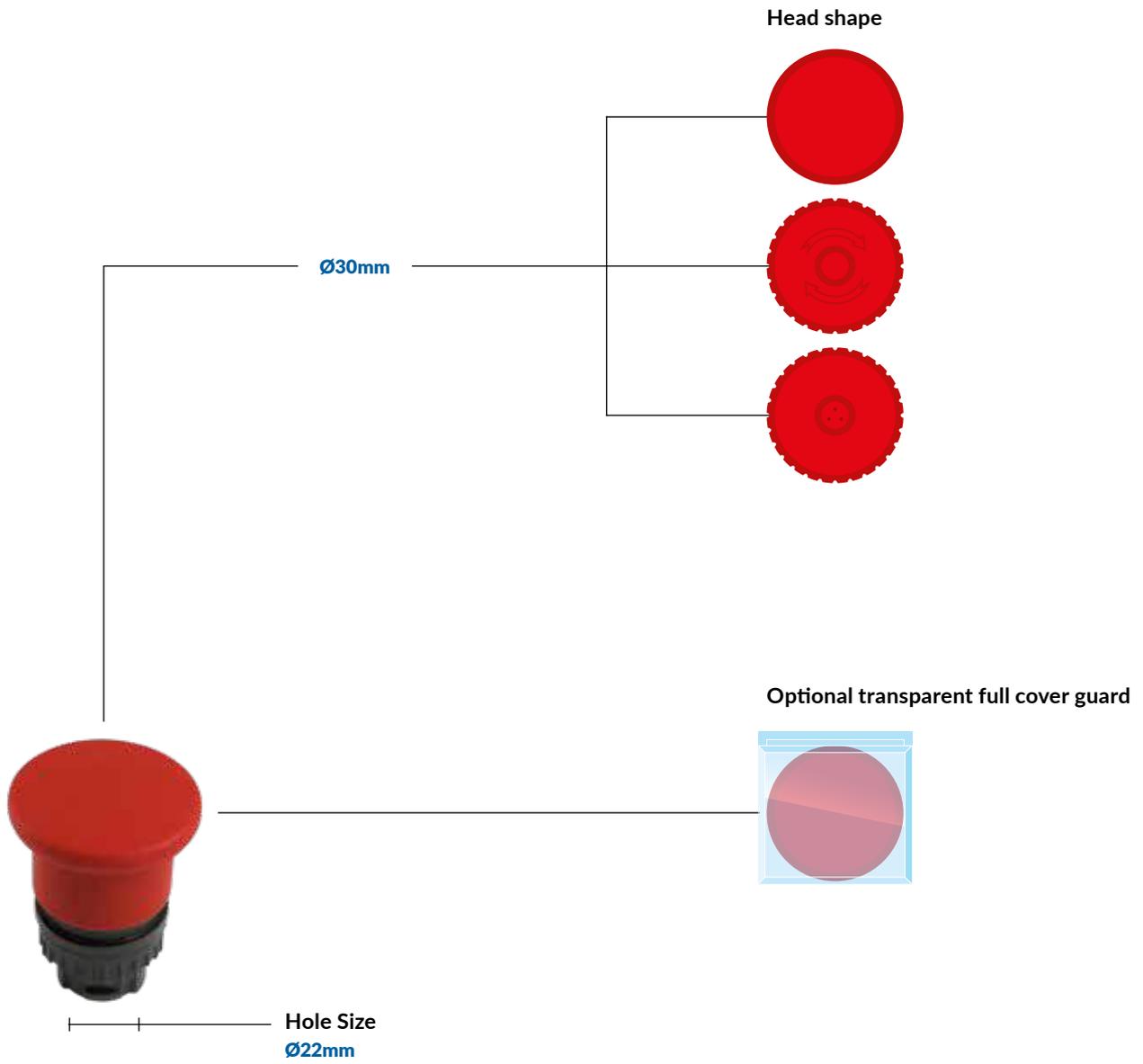


Transparent
 Transparent + padlock

DX22 GSP 2
 DX22 GSP 3

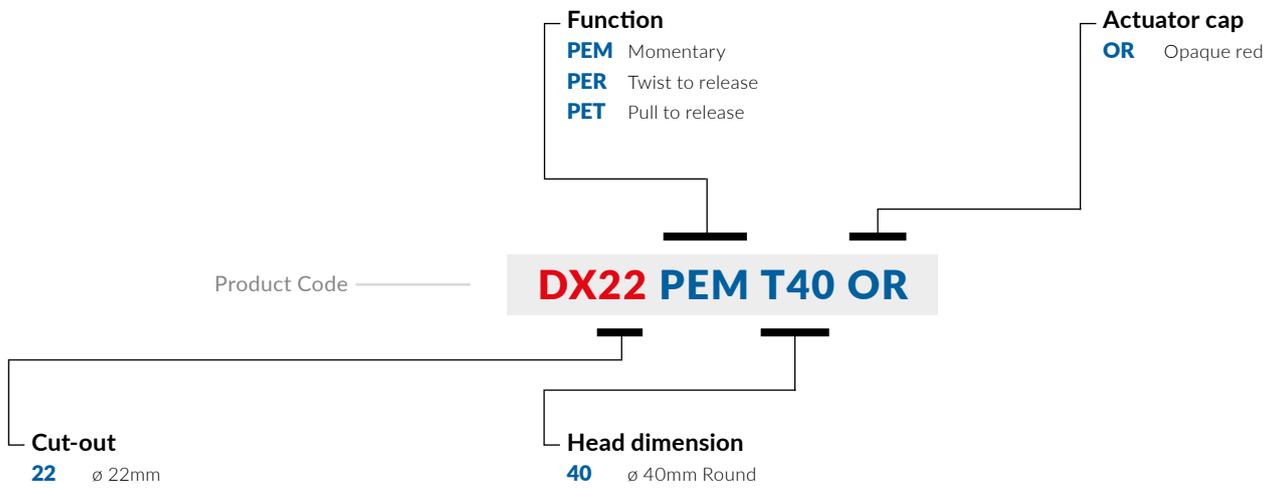
Width 45mm
 Height 40mm
 Depth 45mm

Cut-out Ø22mm
 Weight 26 and 50g



Series DX22 - ø22mm

Coding





Series DX22 - ø22mm

Product range

Emergency mushroom with full cover guard

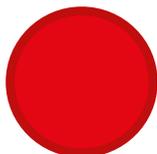
Head Ø40mm
Cut-out Ø22mm
Weight 29g



Head Ø40mm
Cut-out Ø22mm
Weight 48g



Emergency momentary mushroom head



● Red	DX22 PEM T40 OR	-
-------	-----------------	---

Emergency mushroom head - twist to release



● Red	-	DX22 PER T40 OR
-------	---	-----------------

Full cover guard



Transparent	DX22 GSP 2
Transparent + padlock	DX22 GSP 3

Width 45mm
Height 40mm
Depth 45mm
Cut-out Ø22mm
Weight 26 and 50g

Series DX22 - ø22mm

Product range

Emergency mushroom with full cover guard

Head Ø40mm
Cut-out Ø22mm
Weight 29g

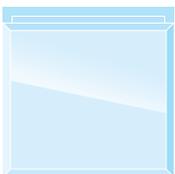


Emergency mushroom head - pull to release



● Red	DX22 PET T40 OR	-
-------	-----------------	---

Full cover guard



Transparent	DX22 GSP 2
Transparent + padlock	DX22 GSP 3

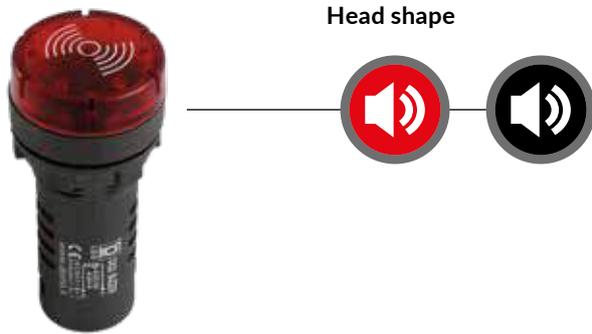
Width 45mm
Height 40mm
Depth 45mm

Cut-out Ø22mm
Weight 26 and 50g



Series DX22 - ø22mm

Overview, dimensions and wiring



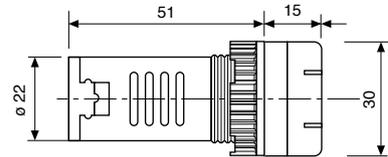
Head shape

Hole Size
ø22mm

Connections
SCREW terminals

DX22

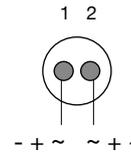
Dimensions mm 1:2



board thickness 10 mm
clamping: threaded nut

Screw terminal 14 AWG - 2,5mmq

Monocolor or Buzzer



Product range series DX22 - ø22mm

Blinking light + Blinking acoustic

Head Ø30mm
Cut-out Ø22
Weight 20g
Sound 80dB (1mt)



Blinking acoustic

Head Ø30mm
Cut-out Ø22
Weight 20g
Sound 80dB (1mt)



Colors

LED diffuser | LED

- Red
- Black

DX22 LED B/A RR Vxx

DX22 BUZZER Vxx

Vxx = 28Vac/dc Vxx = 130Vac/dc
Vxx = 48Vac/dc Vxx = 240Vac/dc

Series DX22 - ø22mm

Contact block maximum blocks combinations



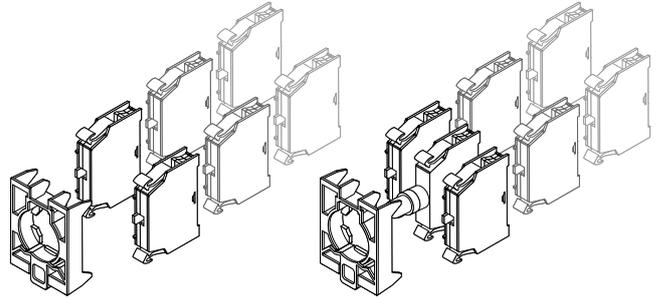
Pushbuttons

Not illuminated

Left	Center	Right
3	-	3

Illuminated

Left	Center	Right
3	LED	3



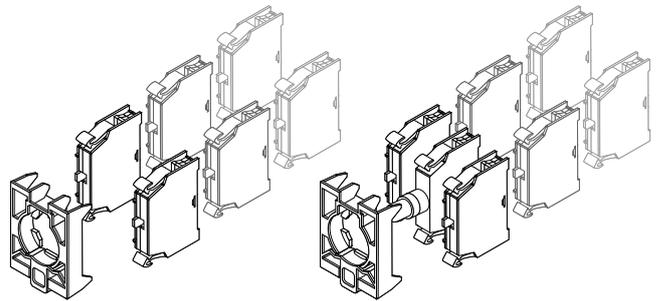
Double Pushbuttons

Not illuminated

Left	Center	Right
3	-	3

Illuminated

Left	Center	Right
3	LED	3



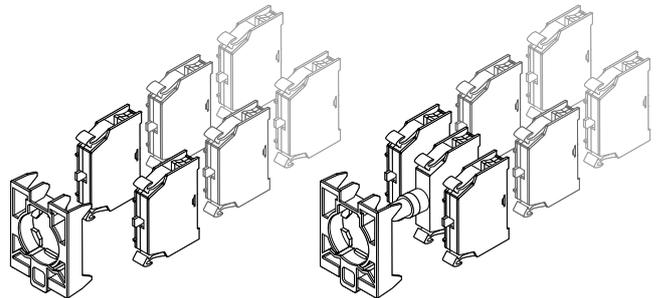
Knob Selector Switches

Not illuminated

Left	Center	Right
3	-	3

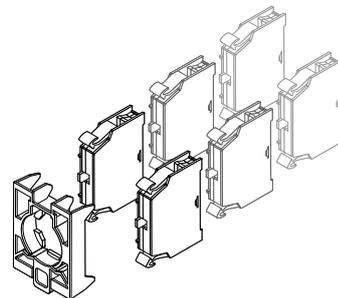
Illuminated

Left	Center	Right
3	LED	3



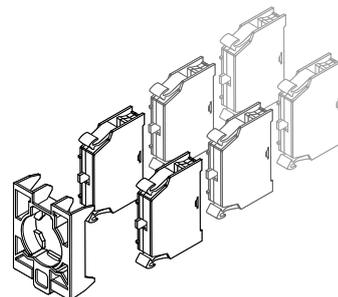
Key Selector Switches

Left	Center	Right
3	-	3



Emergency Pushbuttons

Left	Center	Right
3	-	3





Series DX22 - ø22mm

Product range

**Support base
for contact elements**
Weight 4g



Contact elements
Weight 11g



Ba9s Lamp Socket element
Weight 10g



Support Base

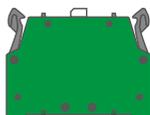


DX22 BF3

-

-

Contact Element: Open / green



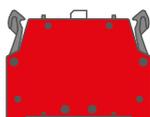
1NO (3-4) Open / ● Green

-

DX22 ECN 01

-

Contact Element: Close / red



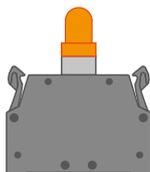
1NC (1-2) Close / ● Red

-

DX22 ECN 10

-

Ba9s Lamp Socket element



-

-

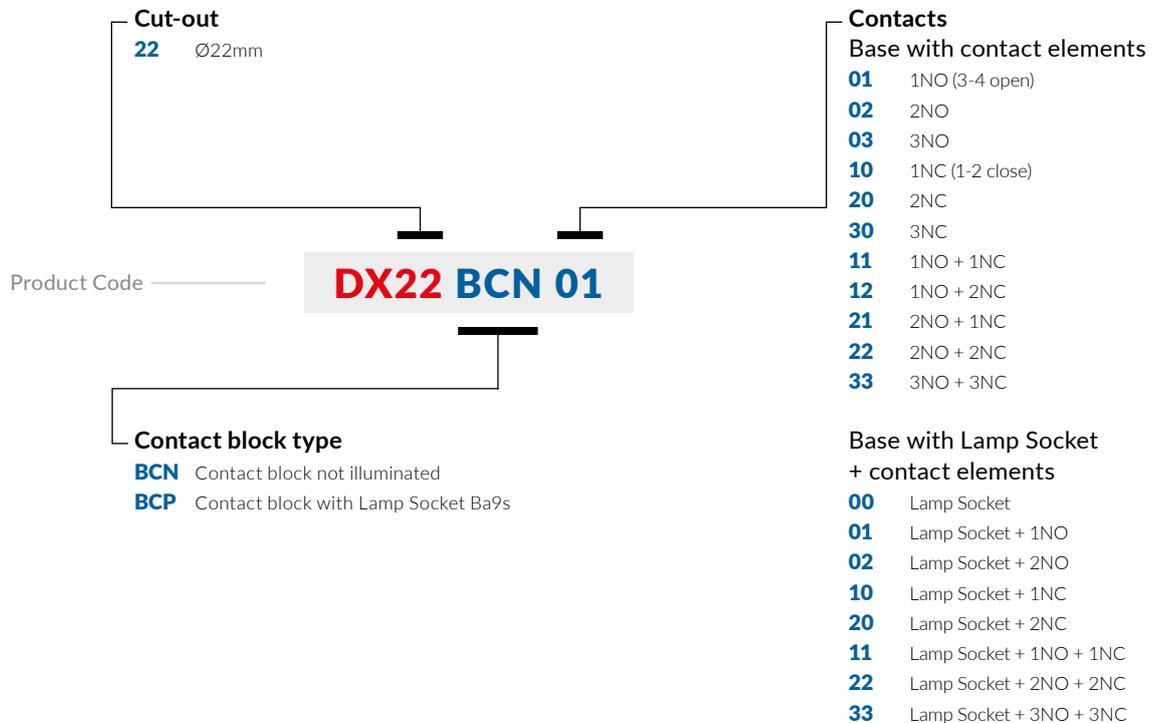
DX22 EPL
(Max 240V 2.4w)

Attention! More informations about LED lamps Ba9s on page 208.

Series DX22 - ø22mm

Coding

Contact block not illuminated and Contact block with Lamp Socket Ba9s





Series DX22 - ø22mm

Product range

Contact Blocks not Illuminated with support base

Contact Block



NO | NC

Base
DX22 BF3



Contact Element
OPEN
DX22 ECN 01



Contact Element
CLOSE
DX22 ECN 10

Base with Contact Element Open

Base with 1NO (3-4 open)	1	-	DX22 BCN 01	Weight 15g
Base with 2NO	2	-	DX22 BCN 02	Weight 27g
Base with 3NO	3	-	DX22 BCN 03	Weight 39g

Base with Contact Element Close

Base with 1NC (1-2 close)	-	1	DX22 BCN 10	Weight 15g
Base with 2NC	-	2	DX22 BCN 20	Weight 27g
Base with 3NC	-	3	DX22 BCN 30	Weight 39g

Base with Contact Element Double*

	Base with 1NO + 1NC	1	1	DX22 BCN 11	Weight 27g
	Base with 1NO + 2NC	1	2	DX22 BCN 12	Weight 39g
	Base with 2NO + 1NC	2	1	DX22 BCN 21	Weight 39g
	Base with 2NO + 2NC	2	2	DX22 BCN 22	Weight 51g
	Base with 3NO + 3NC	3	3	DX22 BCN 33	Weight 74g



Note: Suitable for
Pushbutton Latched type

Series DX22 - ø22mm

Product range

Contact Blocks Illuminated with Lamp Socket for Ba9s

Contact Block with Lamp Socket Ba9s



LAMP | NO | NC

Base
DX22 BF3



Contact Element
OPEN
DX22 ECN 01



Contact Element
CLOSE
DX22 ECN 10



Lamp socket
for BA9s
DX22 EPL

Base with with Lamp Socket and Contact Element Open

Base with Lamp Socket	1	-	-	DX22 BCP 00	Weight 15g
Base with LAMP + 1NO	1	1	-	DX22 BCP 01	Weight 25g
Base with LAMP + 2NO	1	2	-	DX22 BCP 02	Weight 37g

Base with with Lamp Socket and Contact Element Close

Base with 1BCP + 1NC	1	-	1	DX22 BCP 10	Weight 25g
Base with 1BCP + 2NC	1	-	2	DX22 BCP 20	Weight 37g

Base with with Lamp Socket and Contact Element Double

Base with LAMP + 1NO + 1NC	1	1	1	DX22 BCP 11	☑ Weight 37g
Base with LAMP + 2NO + 2NC	1	2	2	DX22 BCP 22	☑ Weight 61g
Base with LAMP + 3NO + 3NC	1	3	3	DX22 BCP 33	☑ Weight 84g

Attention! LED Lamps Ba9s not included. More informations about LED lamps Ba9s on page 208.

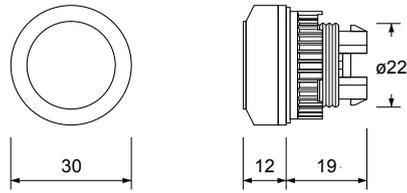


Note: Suitable for Pushbutton Latched type

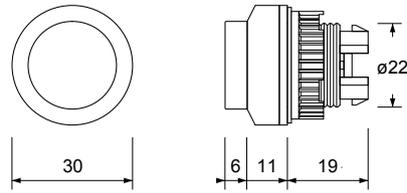


DX22 PRM, DX22 PRP

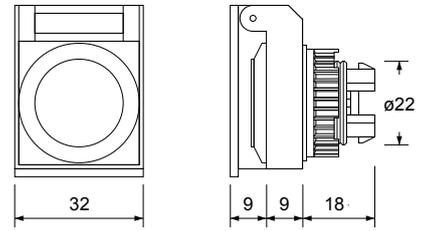
TF Flush type



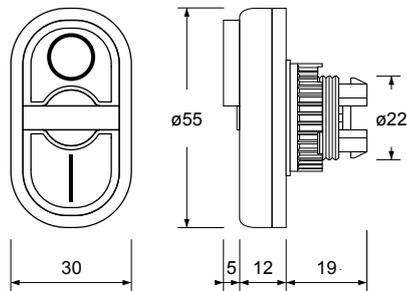
TA extended type



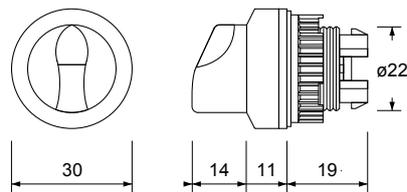
DX22 PGM



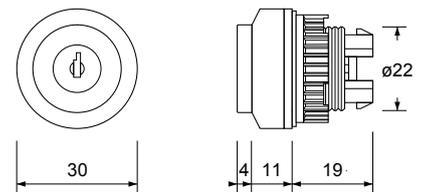
DX22 DP



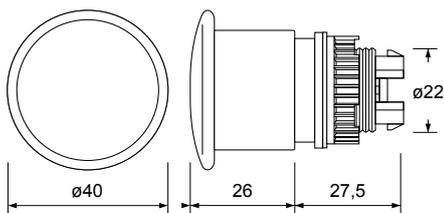
DX22 SR



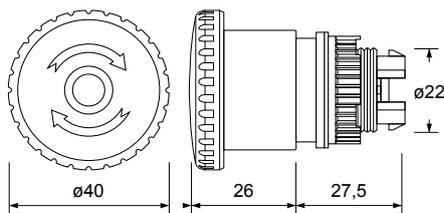
DX22 KR



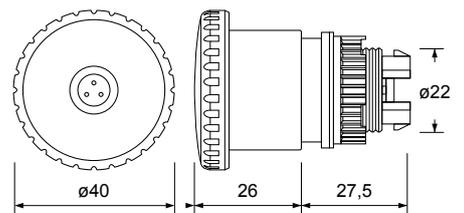
DX22 PEM



DX22 PER

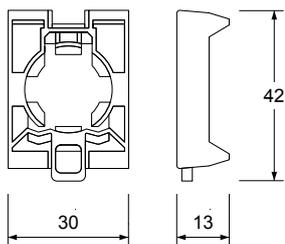


DX22 PET

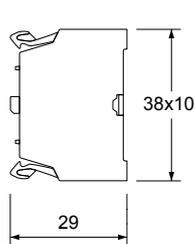


Contact elements

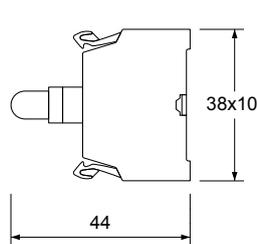
Support base



Contact element



Element Ba9s Lamp Socket

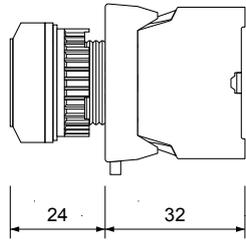


Series DX22 - ø22mm

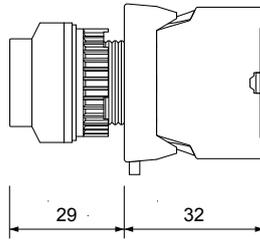
Dimensions

DX22 PRM, DX22 PRP + Contact block

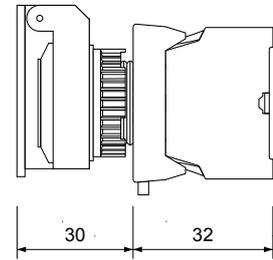
TF Flush type



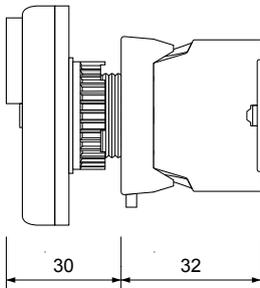
TA extended type



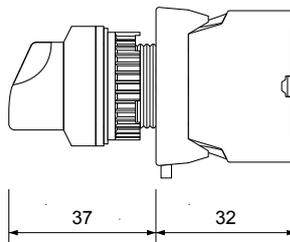
DX22 PGM + Contact block



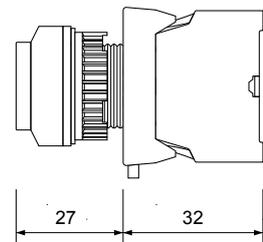
DX22 DP + Contact block



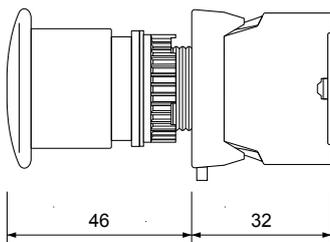
DX22 SR + Contact block



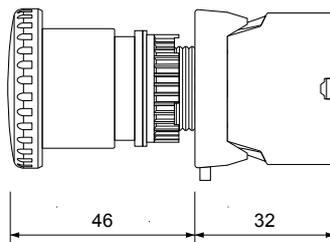
DX22 KR + Contact block



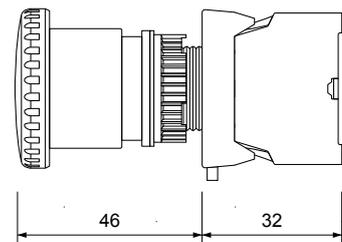
DX22 PEM + Contact block



DX22 PER + Contact block

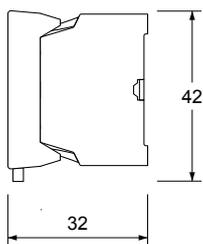


DX22 PET + Contact block

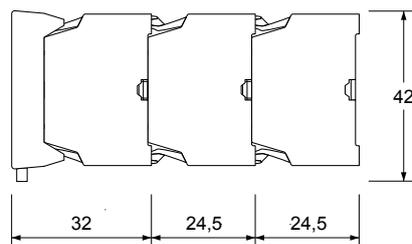


Contact block

1 block



2 blocks or 3 blocks max.





Control and Annunciator Panels

Control Panel Annunciator

Series CTR24

Series CTR24

Technical features

Material: **Aluminium (Alu)**
Colour frames: **Black**
Protection degree: **IP40**
Working temperature: **-20°C +60°C**
Operating life at AT 25°C: **> 100.000 h**
Not replaceable LEDs



Supply voltage +/- 10%

Power	Consumption	Current
24 Vac/dc	15-20mA	AC/DC
48 Vac/dc	15-20mA	AC/DC
130 = 110-130 Vac/dc	15-20mA	AC/DC
240 Vac	15mA	Alternating Current
220 Vdc	9mA	Direct Current

Other power supplies on request



Available with integrated Lamp Test circuit (LT), to test all signals at once.



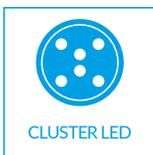
Integrated Rectifier Bridge to work in Alternating Current (AC) or Direct Current (DC), automatically.



Customer can choose the LED colors, their arrangement and the text next to the LEDs. Easy label replacement, freely exchangeable at any time.



Easy to connect thanks to the Faston terminals 2.8mm x 0.8mm.



Tropicalization treatment available on request.
Extra bright visibility thanks to the powerful Cluster LED (available only for HL16 48 and HL16 72).

The modular construction of the Annunciator allows units to be assembled in almost any size and shape to suit the customer's requirements, thanks three window sizes, six colours LED illumination. A flexible alarm annunciator that offers a perfect solution with any alarm system requirement.
Since annunciators are used to monitor critical plants, it is essential that the unit provides the highest reliability possible.

Compliance:
Directive 2006/95/EC Low Voltage
Directive 2004/108/EC Electromagnetic Compatibility
Directive 2011/65/EC RhOS
Directive 2006/42/EC Machinery

Customs tariff: **85389091**

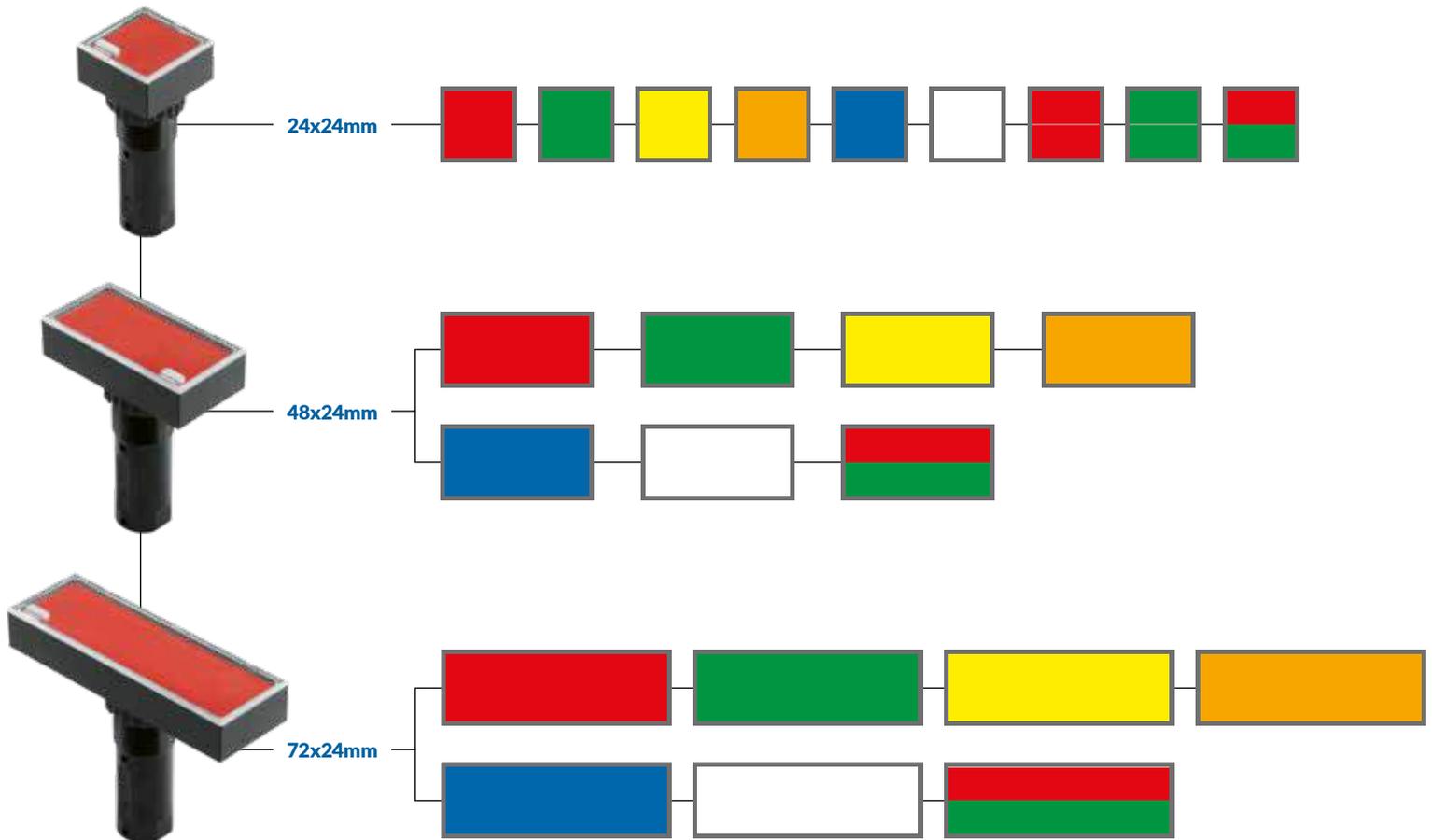
DOMO reserves the right to change, amend, modify, suspend, continue or terminate all or any part of the Product range either in an individual case or in general, at any time without notice.

Conformity to standards:
EN 60947.5.1 / EN 60073 / EN 60529 / EN 60068-2-6 / EN 60204.1 / EN ISO 7731 / EN 981 / IEC 536



Series CTR24

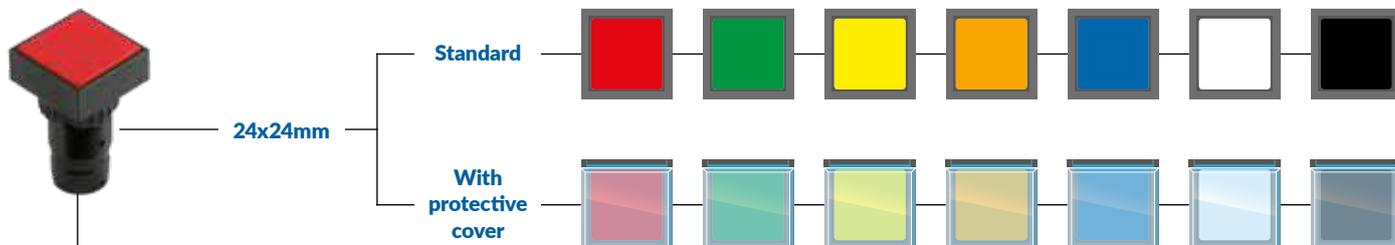
AmpiLED display
Indicators
Series HL
pagina 126



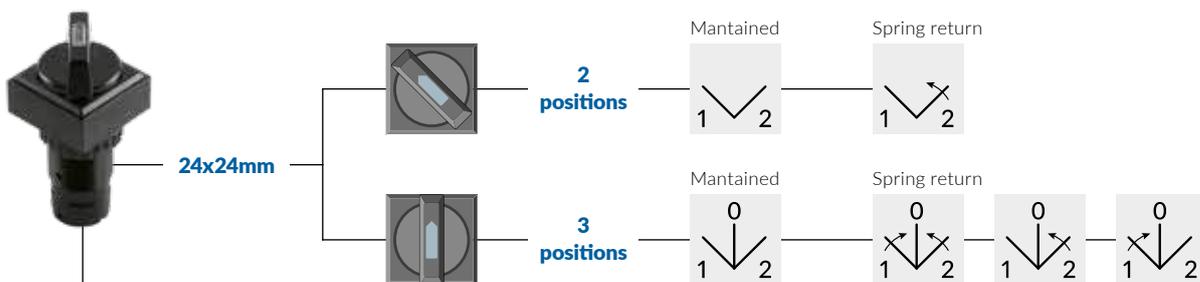
Series CTR24

Coding

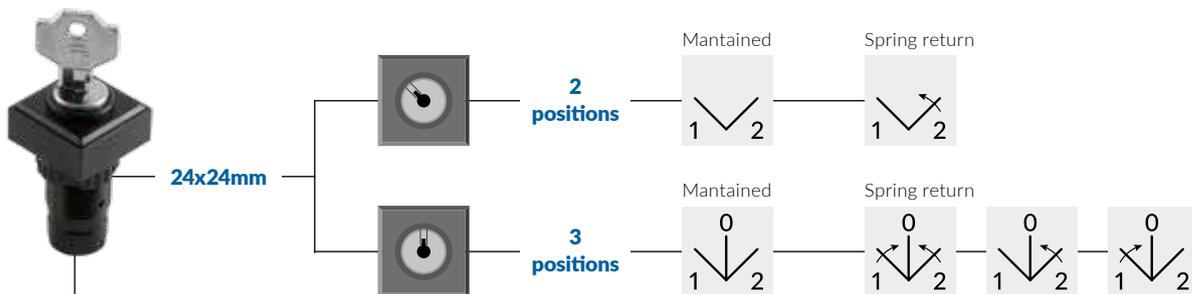
Pushbutton
Series CD16
pagina 148



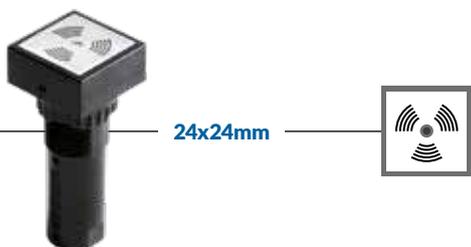
Knob Selector Switch
Series CD16
pagina 154



Key Switch
Series CD16
pagina 155



Buzzer Sound
Series CD16
pagina 150

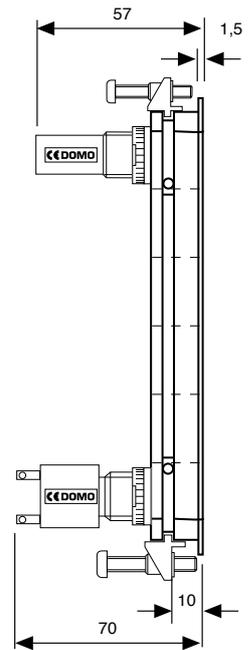
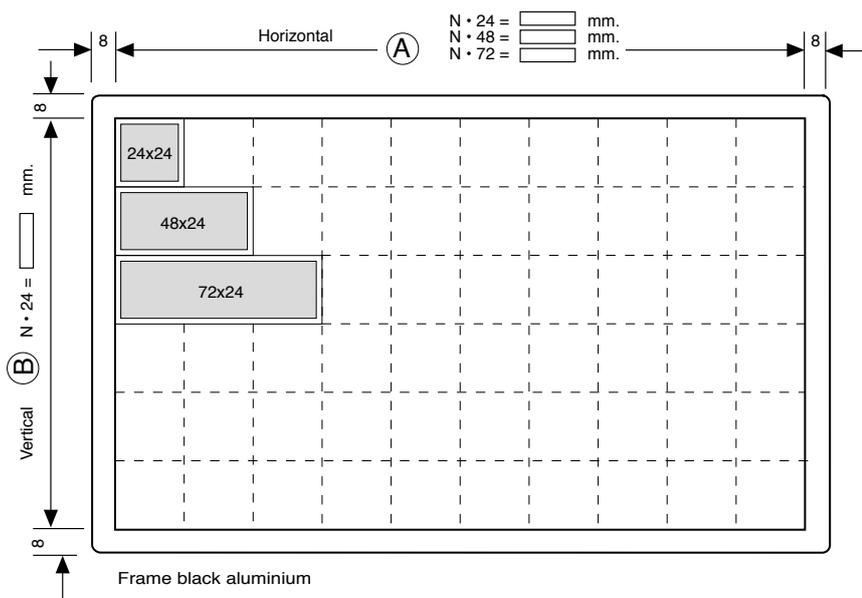


For orders refer to the following diagram:

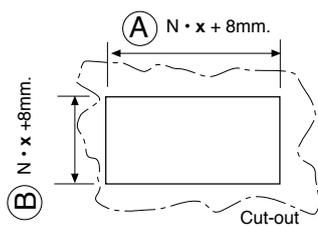
CTR24



Control panel front size

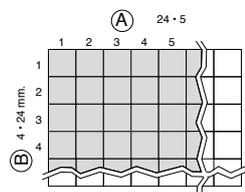


Control panel cut-out



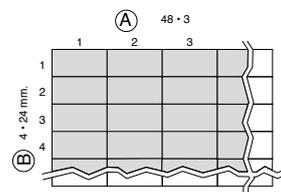
Example - how to order the control panel CTR 24 with:

Signalling HL16.24 (24x24)



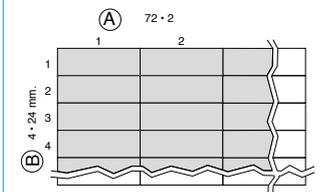
CRT24 A24/5 x B24/4

Signalling HL16.48 (48x24)



CRT24 A48/3 x B24/4

Signalling HL16.72 (72x24)



CRT24 A72/2 x B24/4

N = Q.ty of single equipment
 X = 24 mm. / 48 mm. / 72 mm.

Series CTR24

Product range and Dimensions

Three windows size



Ampiled display Indicator 24 x 24 Series HL
Faston terminals
Weight 12g

Ampiled display Indicator 48 x 24 Series HL
Faston terminals
Weight 18g

Ampiled display Indicator 72 x 24 Series HL
Faston terminals
Weight 28g

Attention! All details on pagina 126.

How to change and customize the film for text on Ampiled

The top head Ampiled is composed by a transparent cover plate, an interchangeable film with text and color film.

To change the film with text, gently remove the transparent cover plate with a screwdriver.

Replace the old film with another one. Please check the film dimensions on the Dimension and Wiring chapter on pagina 133

The film is fully customizable with texts or symbols.

Other elements compatible with the control unit



Pushbutton Series CD16
Momentary or Latched
Illuminated or not illuminated
Contact block faston terminal
Weight 8g

Knob selector switch Series CD16
two positions
three position
Contact block faston terminals
Weight 12g

Key selector switch Series CD16
two positions
three position
Contact block faston terminals
Weight 25g

Buzzer Sound Series CD16
Faston terminals
Weight 12g
Sound 80dB (1mt)

Attention! All details on pagina 142.



Control and Annunciator Panels

Alarm System Logica

Series LQ1



Series LQ1

Technical features

Power supply: 24 Vcd (10 to 28) - 200 mA
Positive Common (except external lamps)
36 Vcd (30 to 38) - 200 mA
Positive Common (except external lamps)

Outputs: NPN type, 100 mA (horns 250 mA)

Inputs: Input contacts must close to Negative
(internal pull-up to +24 Voc. R=2.400 Ohm)

Dimensions: 160x90 mm (9 modules) h=68 mm.
Fastening do DIN EN 50022 guides according
to DIN 43880 standards.



A flexible alarm annunciator that offers a perfect solution with any alarm system requirement.

Since Annunciators are used to monitor critical plants, it is essential that the unit provides the highest reliability possible.

ISA sequences:

ISA-1	ISA-2B
ISA-1A	ISA-2C
ISA-1B	ISA-2D
ISA-1C	ISA-2C with first out
ISA-2A	ISA-4A

n.18 Signalling lamp
n.18 Alarm inputs
n.4 Pushbutton: Lamp Test, ACK, Sequence test, reset
n.2 External horns

The SQ-1 Logica works latching in alarms and driving repeat relays, with the drive to the lamps horn and pushbutton inputs enabled.

The SQ-1 Logica can be panel mounted on DIN rail bars.

A system can be created to link two or more SQ-1 Logica together as repeat or grouped displays.



Positive Common by default.

Compliance:

Directive 2006/95/EC Low Voltage
Directive 2004/108/EC Electromagnetic Compatibility
Directive 2011/65/EC RhOS
Directive 2006/42/EC Machinery

Conformity to standards:

EN 60947.5.1 / EN 60073 / EN 60529 / EN 60068-2-6 / EN 60204.1 / EN ISO 7731 / EN 981 / IEC 536

Customs tariff: **85389091**

DOMO reserves the right to change, amend, modify, suspend, continue or terminate all or any part of the Product range either in an individual case or in general, at any time without notice.

SQ-1
Weight 330g



Power supply

24V
36V

SQ-1 024
SQ-1 036

Instructions

Normal work

“Work” LED always lit up means normal work.

The LEDs from 1 to 17 display the status of the outputs.

By keeping “<” pressed, the LEDs show the status of the inputs (monitor).

By keeping “>” pressed the LEDs show the type of the inputs
(short flash = NO, long flash = NC).

By keeping “Set” pressed down, the LEDs show the type of sequence programmed.

Programming

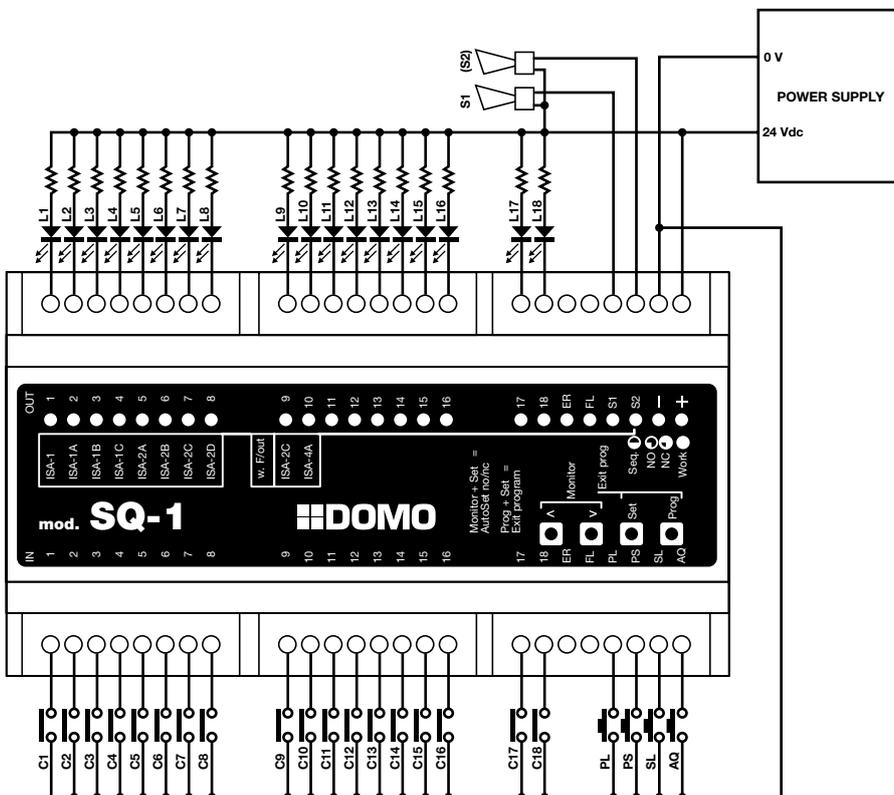
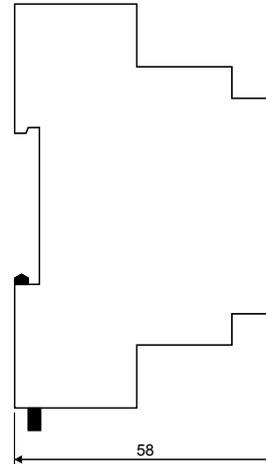
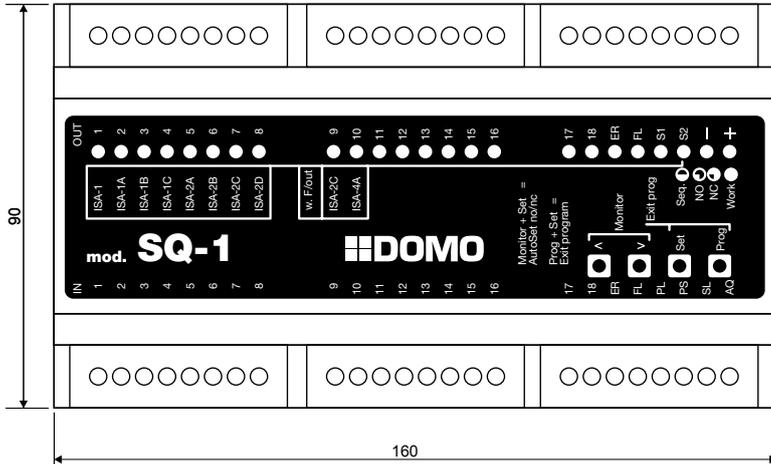
- 1 Keep the “Prog” key pressed 3 seconds long. The Seq LED will start flashing. LEDs from 1 to 10 will display the type of sequence selected. Use “<” or “>” to change the selected sequence.
- 2 Press the “Prog” key again. The NO/NC LED will flash quickly. LEDs from 1 to 10 will flash showing the selected input and its type: a short flash means NO (normally open) contact, a long flash means NC (normally closed) contact.
To select different inputs press “<” or “>”. To change the type of the input to the selected one press “Set”.
In order to display all the input types, keep pressed either “<” or “>”.
By keeping pressed either “<” or “>” together with the “Set” key, all the inputs will be programmed automatically according to the signal currently applied to each input (the signal applied in that moment will be considered normal).
Pressing “Prog” again brings back to step 1.
- 3 In order to end programming and save the configuration, keep “Prog” pressed by pressing “Set”.

Series LQ1

Dimensions and wiring

SQ-1

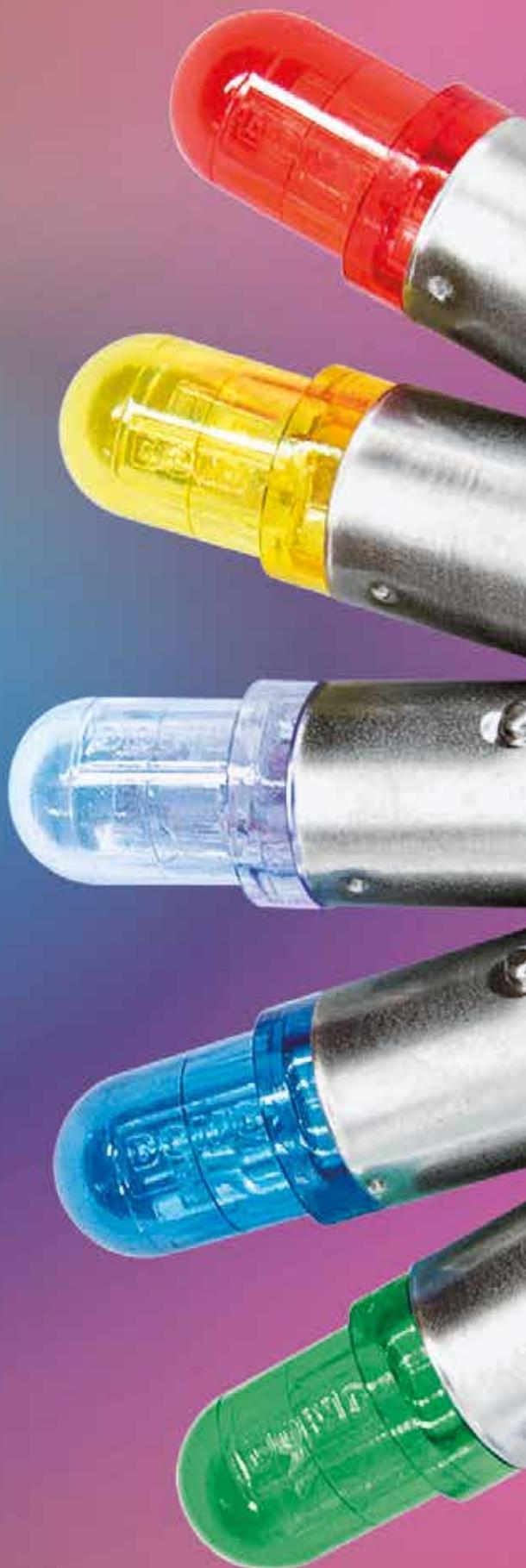
Dimensions mm 1:2



Legend

- L1 ... L18** Signalling lamps 24 Vcc
- C1 ... C18** Alarm inputs
- PL** Lamp Test
- PS** Sequence Test
- SL** Reset
- AQ** Acknowledgment

- ISA RP181 ISA S18.1
- ISA-1 ISA-A
- ISA-1A ISA-A5
- ISA-1B ISA-A4
- ISA-1C ISA-A4-5
- ISA-2A ISA-R8
- ISA-2B ISA-R11
- ISA-2C ISA-M
- ISA-2D ISA-M5
- ISA-4A ISA-F1A



LED Lamps

LED Lamps

Series LD

Series LD

Technical features

Head material: **Polycarbonate (PC) V0/UL 94**
 Base material: **Brass nickel plated**
 Protection degree: **IP40**
 Working temperature: - **20°C +60°C**
 Operating life at AT 25°C: **> 100.000 h**
Not replaceable LEDs



Supply voltage +/- 10%

Power	Consumption	Current
6 Vac/dc	15-20mA	AC/DC
12 Vac/dc	15-20mA	AC/DC
28 Vac/dc	15-20mA	AC/DC
48 Vac/dc	15-20mA	AC/DC
130 = 110-130 Vac/dc	15-20mA	AC/DC
230 Vac/dc	10mA	AC/DC

Other power supplies on request



Integrated Rectifier Bridge to work in Alternating Current (AC) or Direct Current (DC), automatically (BA9s - E10 - MG - BA7s - BA15 - E14 only).



Optional Blinking Light (BA9s - E10 only).



Tropicalization treatment available on request (BA9s - E10 - BA15 - E14 only).



Lamp extractor. Compatible with: BA9s, BA7s, T5.5, T5.5k, MG

Customs tariff: **85389091**

DOMO reserves the right to change, amend, modify, suspend, continue or terminate all or any part of the Product range either in an individual case or in general, at any time without notice.

Compliance:

Directive 2006/95/EC Low Voltage

Directive 2004/108/EC Electromagnetic Compatibility

Directive 2011/65/EC RhOS

Directive 2006/42/EC Machinery

Conformity to standards:

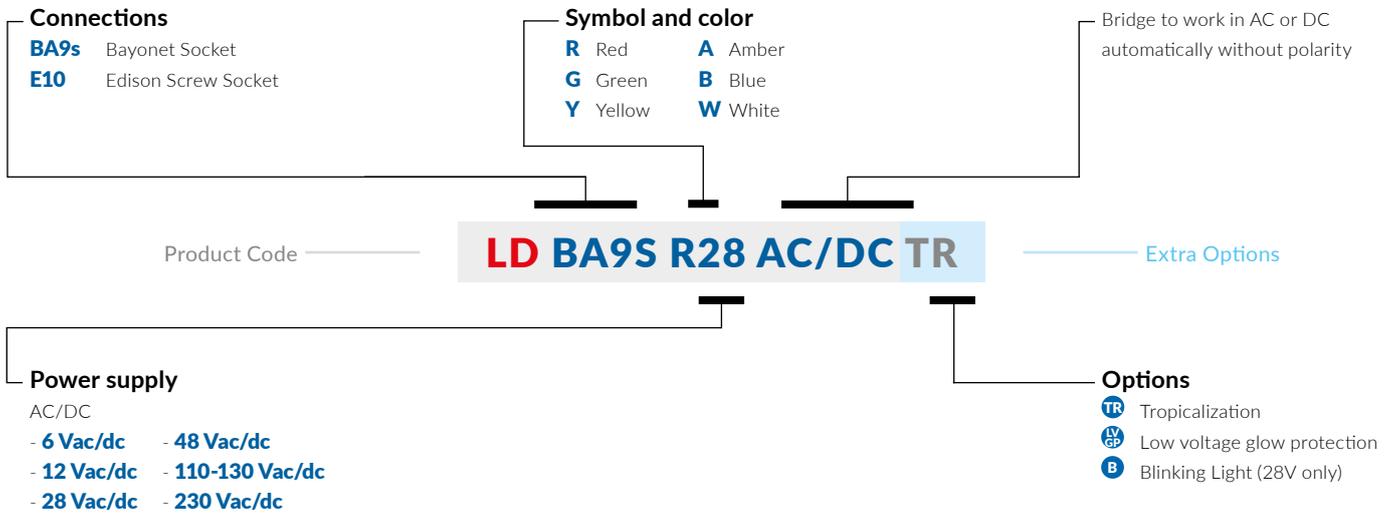
EN 60947.5.1 / EN 60073 / EN 60529 / EN 60068-2-6 /

EN 60204.1 / EN ISO 7731 / EN 981 / IEC 536



Series LD - BA9s and E10

High luminous intensity - Single chips - large angle - with bridge rectifier - no polarity



Product range and dimensions

LD BA9S
Weight 2g



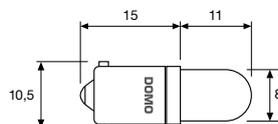
LD E10
Weight 2g



● Red	LD BA9S RVxx AC/DC	LD E10 RVxx AC/DC
● Green	LD BA9S GVxx AC/DC	LD E10 GVxx AC/DC
● Yellow	LD BA9S YVxx AC/DC	LD E10 YVxx AC/DC
● Amber	LD BA9S AVxx AC/DC	LD E10 AVxx AC/DC
● Blue	LD BA9S BVxx AC/DC	LD E10 BVxx AC/DC
○ White	LD BA9S WVxx AC/DC	LD E10 WVxx AC/DC
	TR LV GP B (28V only)	TR LV GP B (28V only)

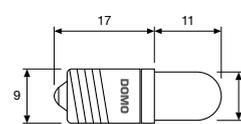
LD BA9S

Dimensions mm 1:2



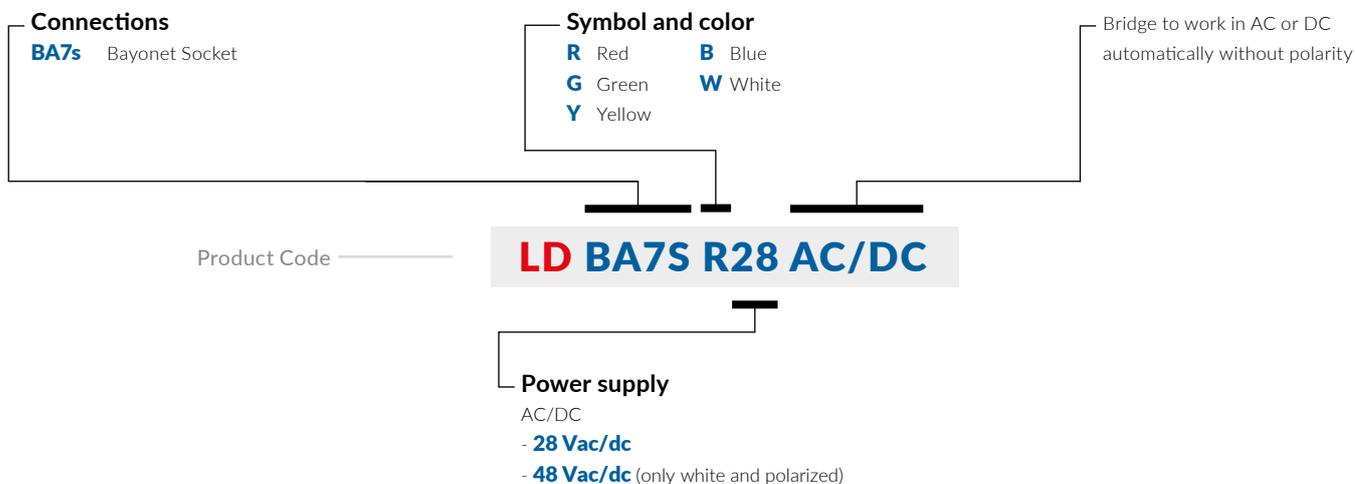
LD E10

Dimensions mm 1:2



Series LD - BA7s

High luminous intensity - Single chips - large angle - with bridge rectifier - no polarity



Product range and dimensions

LD BA7S
 Weight 1g



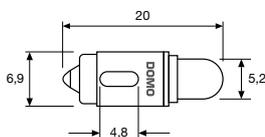
- Red
- Green
- Yellow
- Blue
- White

- LD BA7S RVxx AC/DC
- LD BA7S GVxx AC/DC
- LD BA7S YVxx AC/DC
- LD BA7S BVxx AC/DC
- LD BA7S WVxx AC/DC

48V White only and polarized

LD BA7S

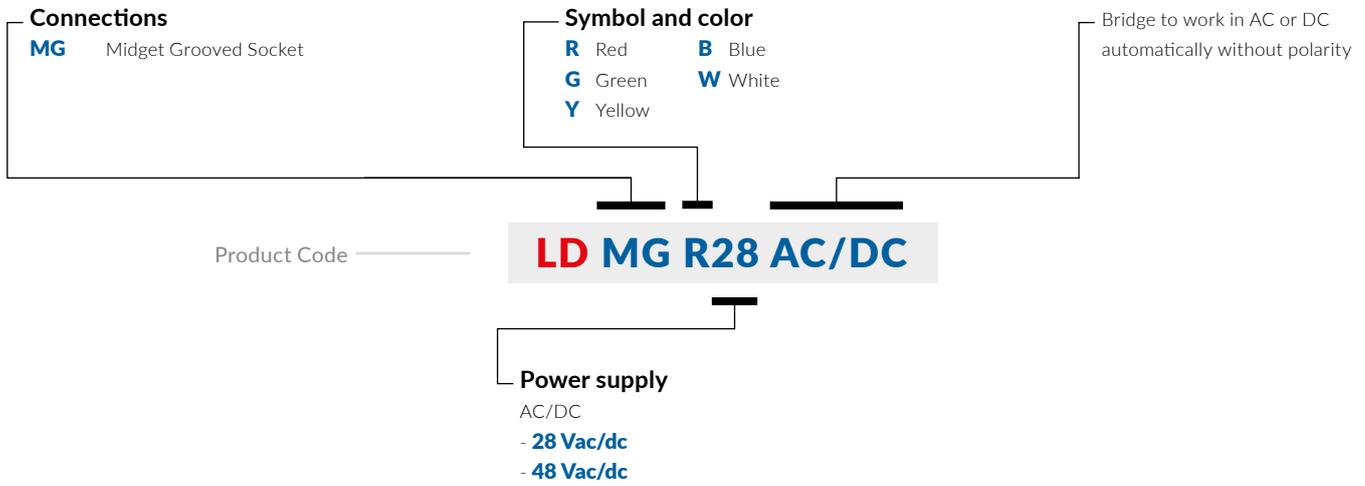
Dimensions mm 1:2





Series LD - Midget Grooved

High luminous intensity - Single chips - large angle - with bridge rectifier - no polarity



Product range and dimensions

LD MG Midget Grooved
Weight 1g

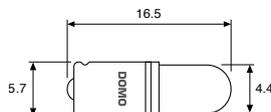


● Red	LD MG RVxx AC/DC
● Green	LD MG GVxx AC/DC
● Yellow	LD MG YVxx AC/DC
● Blue	-
○ White	-

48V Red, Green, Yellow only

LD MG

Dimensions mm 1:2



Series LD - T5,5 and T5,5K

High luminous intensity - Single chips - large angle

Connections

- 5,5** Telephone Socket
- 5,5k** Telephone Socket

Power supply

- DC
- **28 Vdc**
- **48 Vdc**
- **130 Vdc** (LD T5,5 only)

Product Code

LD T5,5 R28 PD

Symbol and color

- R** Red
- G** Green
- Y** Yellow
- B** Blue
- W** White

Product range and dimensions

LD T5,5
Weight 1g



LD T5,5K
Weight 1g



- Red
- Green
- Yellow
- Blue
- White

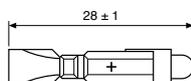
- LD T5,5 RVxx PD
- LD T5,5 GVxx PD
- LD T5,5 YVxx PD
- LD T5,5 BVxx PD
- LD T5,5 WVxx PD

- LD T5,5K RVxx PD
- LD T5,5K GVxx PD
- LD T5,5K YVxx PD
- LD T5,5K BVxx PD
- LD T5,5K WVxx PD

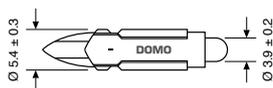
no 130V

LD T5,5

Dimensions mm 1:2

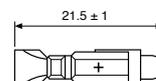


Polarized

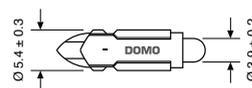


LD T5,5K

Dimensions mm 1:2



Polarized



Attention! Please see product range section for the feasibility. Special version on request. DOMO Srl reserves the right to change, amend, modify, suspend, continue or terminate all or any part of the Product range either in an individual case or in general, at any time without notice.



Series LD - BA15 and E14

High luminous intensity - large angle - with bridge rectifier - no polarity

BA15d, BA15s and E14 Extra Bright Lamp (12 LED)

Connections

- BA15d** Bayonet Socket
- BA15s** Bayonet Socket
- E14** Edison Screw Socket

Power supply

- AC/DC
 - **28 Vac/dc**
 - **48 Vac/dc**
 - **110-130 Vac/dc**
- Alternating Current
- **240 Vac**

Product Code

LD BA15d R28 TR

Extra Options

Symbol and color

- R** Red
- G** Green
- Y** Yellow
- A** Amber
- B** Blue
- W** White

Options

- TR** Tropicalization

Product range and dimensions

12 LED

LD BA15d - LD BA15s
Weight 10g



LD E14
Weight 10g



Used inside Stack Light compact and assembled

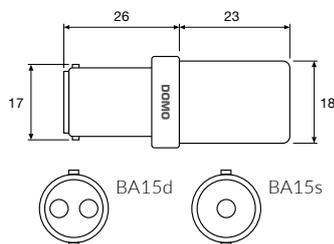
● Red	LD BA15d RVxx	LD BA15s RVxx	LD E14 RVxx
● Green	LD BA15d GVxx	LD BA15s GVxx	LD E14 GVxx
● Yellow	LD BA15d YVxx	LD BA15s YVxx	LD E14 YVxx
● Amber	LD BA15d AVxx	LD BA15s AVxx	LD E14 AVxx
● Blue	LD BA15d BVxx	LD BA15s BVxx	LD E14 BVxx
○ White	LD BA15d WVxx	LD BA15s WVxx	LD E14 WVxx

TR

TR

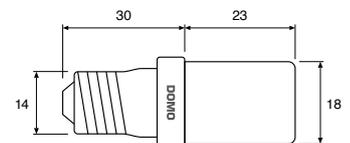
LD BA15d - LD BA15s

Dimensions mm 1:2



LD E14

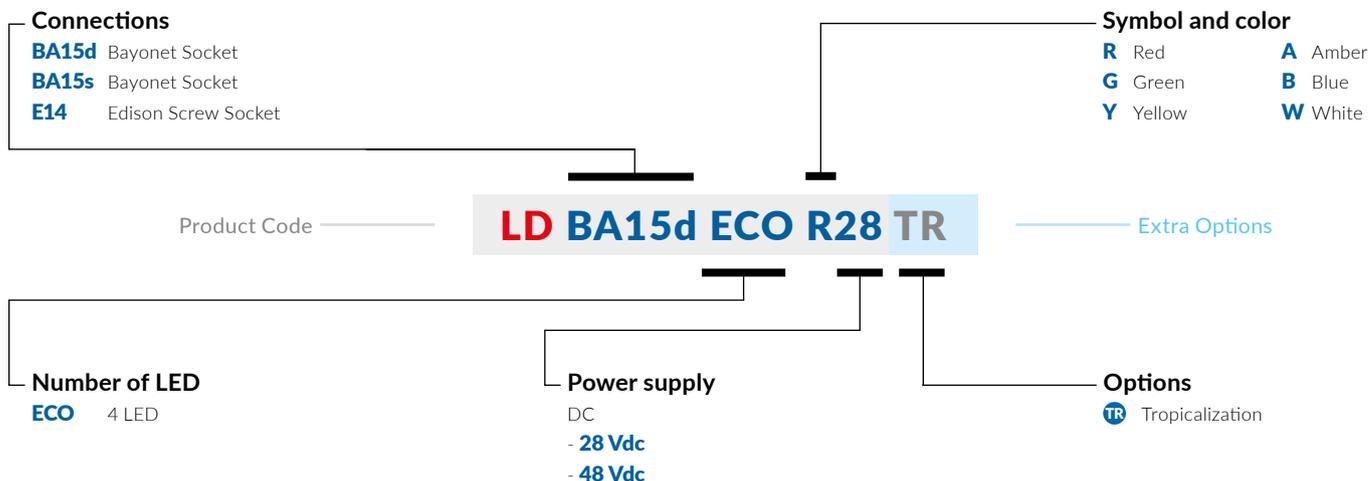
Dimensions mm 1:2



Series LD - BA15 and E14

High luminous intensity - large angle

BA15d ECO, BA15s ECO and E14 ECO Lamp (4 LED)



Product range and dimensions

4 LED

LD BA15d ECO - LD BA15s ECO
 Weight 7g



LD E14 ECO
 Weight 7g



Cemetery application

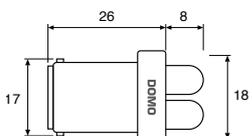
● Red	LD BA15d ECO RVxx	LD BA15s ECO RVxx	LD E14 ECO RVxx
● Green	LD BA15d ECO GVxx	LD BA15s ECO GVxx	LD E14 ECO GVxx
● Yellow	LD BA15d ECO YVxx	LD BA15s ECO YVxx	LD E14 ECO YVxx
● Amber	LD BA15d ECO AVxx	LD BA15s ECO AVxx	LD E14 ECO AVxx
● Blue	LD BA15d ECO BVxx	LD BA15s ECO BVxx	LD E14 ECO BVxx
○ White	LD BA15d ECO WVxx	LD BA15s ECO WVxx	LD E14 ECO WVxx

TR

TR

LD BA15d - LD BA15s ECO

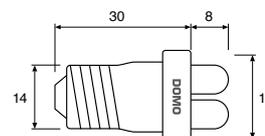
Dimensions mm 1:2



Polarized

LD E14 ECO

Dimensions mm 1:2



Polarized

Attention! Please see product range section for the feasibility. Special version on request. DOMO Srl reserves the right to change, amend, modify, suspend, continue or terminate all or any part of the Product range either in an individual case or in general, at any time without notice.



Safety and Light

Flashing signalling devices All in One Series Ai1



Series Ai1

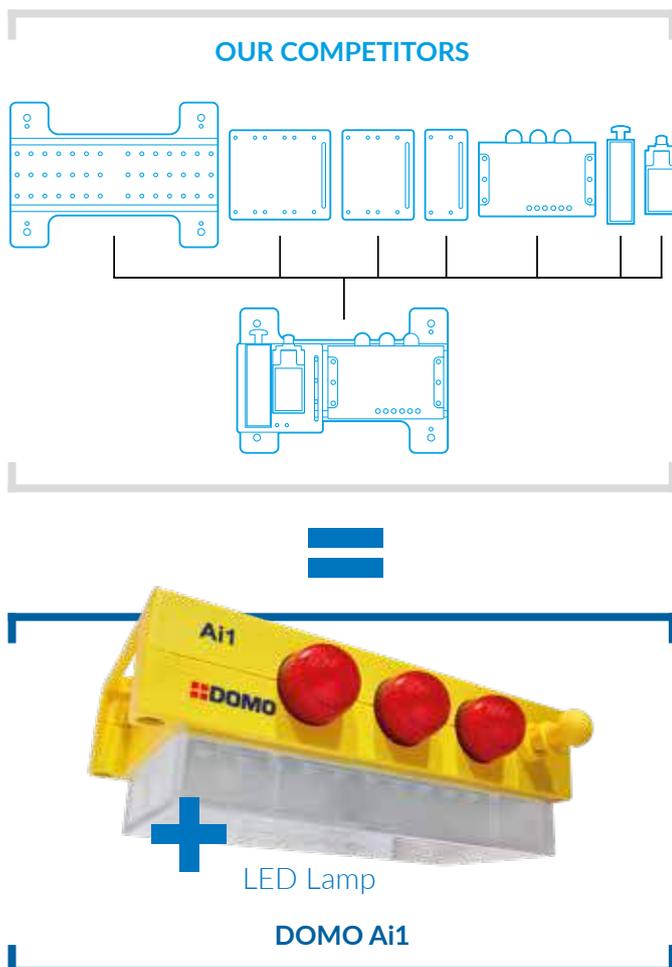
Technical features

Conforming to standards:	IEC 947-5-1 CEI 7.45 EN 60947.5.1
Protective treatment:	Standard version: "TC"
Working temperature:	-25°C +65°C
Rated insulation voltage:	Ui 690 A.C.
Level of pollution:	Class 3
Compliance with RoHS directives:	yes



The installation of the Ai1 - flashing signalling device - can prevent accidents by alerting with flashing lights the operator that the electrical system is switched on.

Ai1 flashing signalling devices are installed in a position where they are visible when opening the door of the cabinet. The three red lights flashing warn of the hazardous condition of the power line.



Light intensity: 3,6W 308lm.
Number of LEDs: 44.
Light consumption: 80mA on 36V max.
Light color: white.



Available with Buzzer sound 80db (optional).



Integrated limit and interlock switch.



Contact 1NO+1NC:
normally used to switch on lighting and to switch off fans or conditioners.



Operative in:
three-phase 380V or
single-phase 220V.

Compliance:

Directive 2006/95/EC Low Voltage

Directive 2004/108/EC Electromagnetic Compatibility

Directive 2011/65/EC RhOS

Directive 2006/42/EC Machinery

Conformity to standards:

EN 60947.5.1 / EN 60073 / EN 60529 / EN 60068-2-6 /

EN 60204.1 / EN ISO 7731 / EN 981 / IEC 536

DOMO reserves the right to change, amend, modify, suspend, continue or terminate all or any part of the Product range either in an individual case or in general, at any time without notice.

Customs tariff: **85389091**



Series Ai1

Flashing signalling devices with interlock limit switch

Ai1 3F
Weight 155g

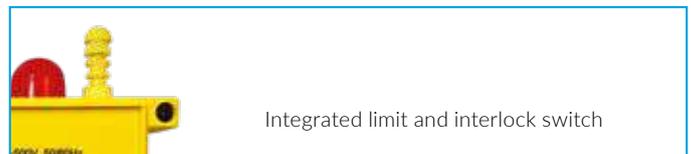


Standard model
Standard model + sound

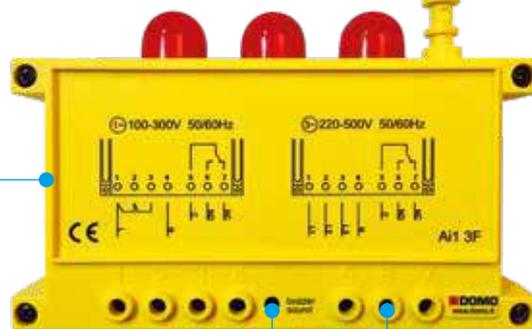
Ai1 3F
Ai1 3F A



Fast mounting thanks to the buttonholes



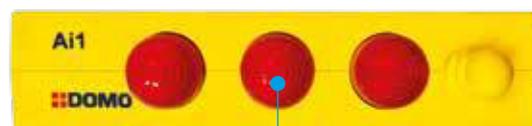
Integrated limit and interlock switch



Buzzer sound 80db (optional)

Contact 1NO+1NC:
usually used to switch on lighting and to switch off fans or conditioners

High intensity thanks to the three flashing powerful LEDs.

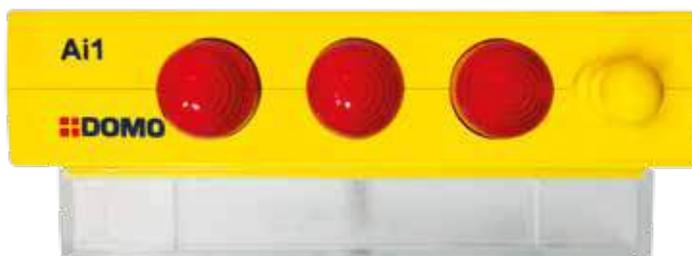


Series Ai1

Product range

Flashing signalling devices with interlock limit switch and light

Ai1 3F LED
Weight 211g

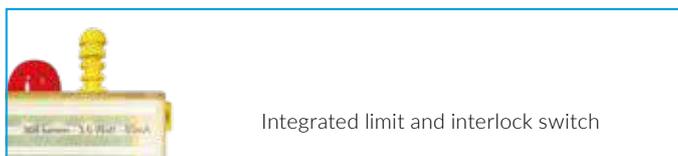


Full model
Full model + sound

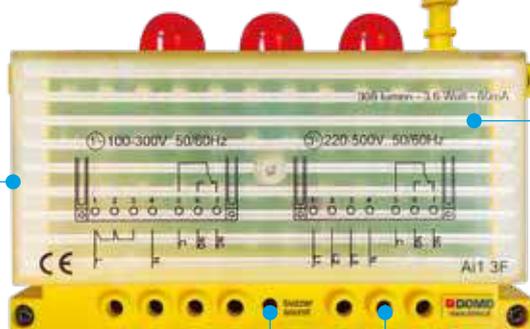
Ai1 3F LED
Ai1 3F A LED



Fast mounting thanks to the buttonholes



Integrated limit and interlock switch



Buzzer sound 80db (optional)

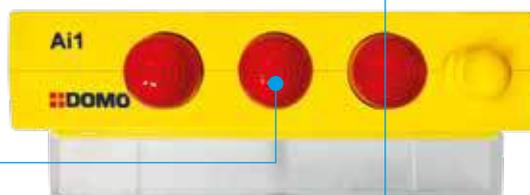
Light intensity: 3,6W 308lm

High intensity thanks three flashing LEDs ultrapower

Number of LEDs: 44

Light consumption: 80mA on 36V max

Light color: white



Contact 1NO+1NC:
usually used to switch on lighting and to switch off fans or conditioners



Series Ai1

Product range

LED electronic lamp universal power supply

Ai1 LED
Weight 181g



Lamp model

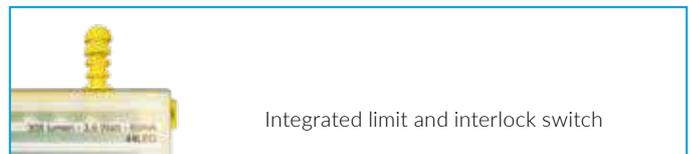
Ai1 LED

Lamp model + switch

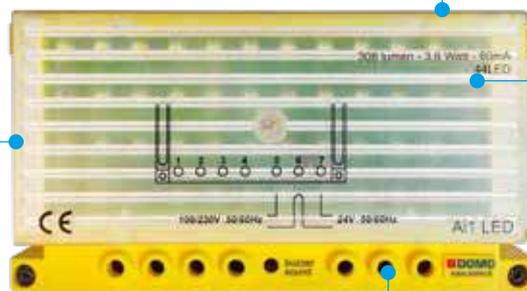
Ai1 LED S



Fast mounting thanks to the buttonholes



Integrated limit and interlock switch



Power supply voltage:
from 110V to 240V



Light intensity:
3,6W 308lm

Number of LEDs:
44

Light consumption:
80mA on 36V max

Light color:
white

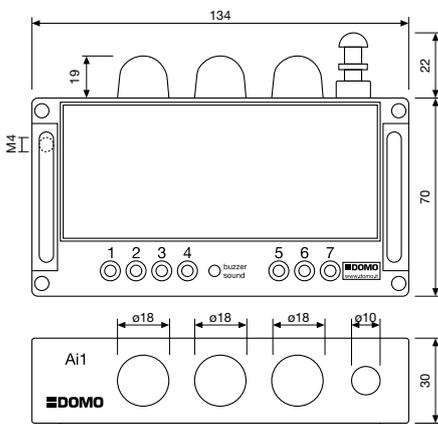


Series Ai1

Dimensions and wiring

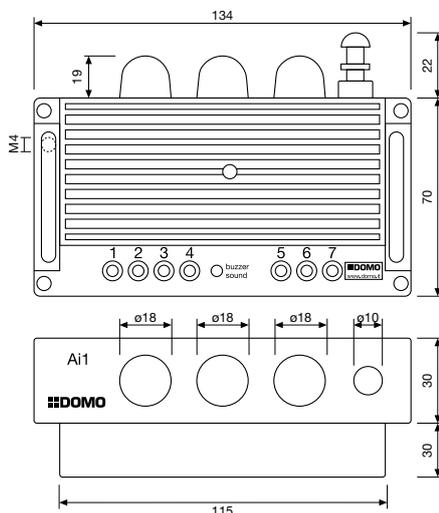
Ai1 3F

Dimensions mm



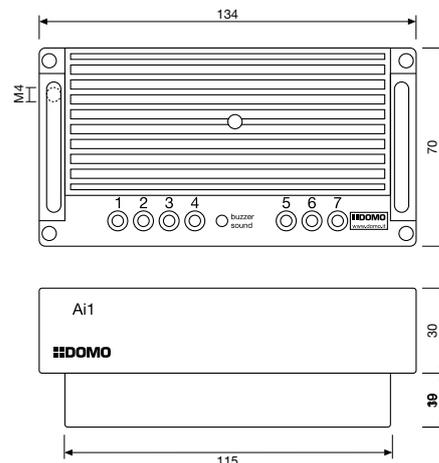
Ai1 3F LED

Dimensions mm



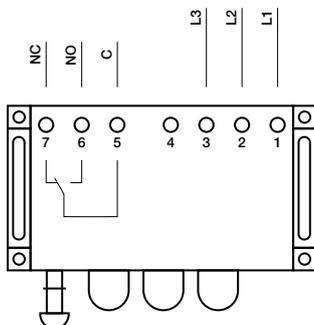
Ai1 LED

Dimensions mm



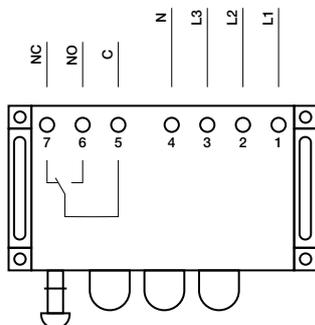
3 Three-phase 220÷500 V, 50/60 Hz

(without light only)

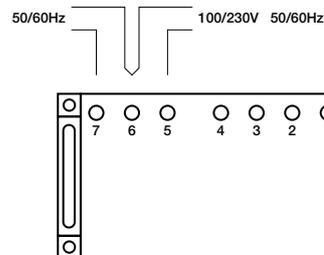


3 Three-phase 220÷500 V, 50/60 Hz

(with or without light)

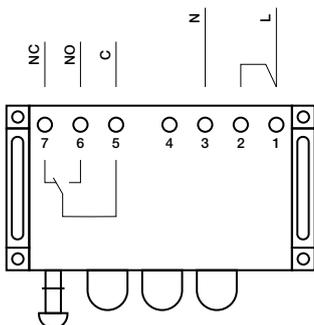


Light only



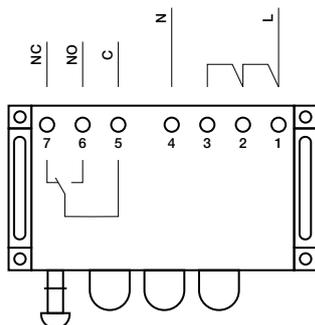
1 One-phase 220÷400V, 50/60 Hz

(without light only)



1 One-phase 100÷300 V, 50/60 Hz

(with or without light)



Accessories and spare parts Ø16mm

Round label holder
Weight 1g



SIM16/24 PTR

Square label holder
Weight 1g



SIM16/24 PTS

Fastener for type B elements
Weight 2g



ASB18
ASB24

Reducer ring from ø22mm to ø16mm
Weight 2g



ARF 22/16

Labels
Weight 4g



SIM16/24 TOW

Protective slides
Weight 4g



SIM16/24 VPK

Tightening wrench
Weight 9g



ACK 22/16

**Contact ring filler for Pushbutton
Switches' central contact**
Weight 1g



CD16 A3 EC

Accessories and spare parts Ø22mm

Round label holder
Weight 2g



SIM22/30 PTR

Square label holder
Weight 2g



SIM22/30 PTS

Fastener for type B elements
Weight 3g



ASB 30

Reducer ring from ø30mm to ø22mm
Weight 2g



ARF 30/22

Labels
Weight 4g



SIM22/30 TOW

Protective slides
Weight 4g



SIM22/30 VPK

Tightening wrench
Weight 9g



ACK 22/16

Lamp extractor
Weight 2g

Compatible with:
BA9s, BA7s, T5.5, T5.5k, MG



AEL BA9s/T5,5

**DOMO S.r.l.**

Via Leone Tolstoj, 34
20098 San Giuliano Milanese (MI)
ITALY

 +39 02 98240540
 +39 02 9848601
 info@domo.it
www.domo.it



LED Indicators



LED Lamps



Pushbutton Switches



Switchgears



Control and Annunciator Panels



Safety and Light



Mosaic Mimic Panels