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Sensors & Motion Control Products
Process Control Products
Control Room Technology



FUSECO & FUSEMASTER PRODUCT RANGE

INDUSTRIAL - OIL & GAS - MINING

FLYER UPDATE

FUSECO

FUSES & FUSE DISCONNECTS

FUSECO has chosen Transtech as it's sales partner for the Western Australian market. Transtech is now stocking an extensive range of fuses and the new and innovated fuse holders.

DIN MOUNT , DIN PROFILE 50 AMP SINGLE & THREE POLE FUSE HOLDERS 690VAC

Fuse Cartridges from 1amp to 50 amp

Fast (gG)

Slow (aM) Motor Start.

Ultra Rapid (gR)



DIN MOUNT , DIN PROFILE 125 AMP SINGLE & THREE POLE FUSE HOLDERS 690VAC

Fuse Cartridges from 2 amp to 125 amp

Fast (gG)

Slow (aM) Motor Start.

Ultra Rapid (gR)



Transtech Electronic Controls Pty Ltd

ABN 21 070 629 499

Perth

Perth Tel: (08) 9302-2044

Also in Sydney – Brisbane – Adelaide – Hobart - Devonport

Info@transtech.com.au

10 x 38mm DIN Rail Fuse Holders



PART NUMBER	DESCRIPTION	MODULE	AMP RATING	VOLTAGE RATING	PACK SIZE
485101	10x38 DIN Fuse Holder 1 Pole	1	32A	690V	12
485104	10x38 DIN Fuse Holder 2 Pole	2	32A	690V	6
485105	10x38 DIN Fuse Holder 3 Pole	3	32A	690V	4
485107	10x38 DIN Fuse Holder 4 Pole	4	32A	690V	3
WITH LED INDICATOR					
485108	10x38 IND. DIN Fuse Holder 1 Pole	1	32A	690V	12
480135-I	10x38 IND. DIN Fuse Holder 1+N Pole	1	32A	690V	12
485109	10x38 IND. DIN Fuse Holder 1+N Pole	2	32A	690V	6
485110	10x38 IND. DIN Fuse Holder 2 Pole	2	32A	690V	6
485111	10x38 IND. DIN Fuse Holder 3 Pole	3	32A	690V	4
480335-I	10x38 IND. DIN Fuse Holder 3+N Pole	3	32A	690V	4
485112	10x38 IND. DIN Fuse Holder 3+N Pole	4	32A	690V	3
485113	10x38 IND. DIN Fuse Holder 4 Pole	4	32A	690V	3
WITH NEUTRAL POLES					
485102	10x38 DIN Fuse Holder N Pole	1	32A	690V	12
480135	10x38 DIN Fuse Holder 1 + N Pole	1	32A	690V	12
485103	10x38 DIN Fuse Holder 1 + N Pole	2	32A	690V	6
480335	10x38 DIN Fuse Holder 3 + N Pole	3	32A	690V	4
485106	10x38 DIN Fuse Holder 3 + N Pole	4	32A	690V	3

Note For Semiconductor (Ultra Rapid) Fuses

Watts loss values of fuse and fuse holder combined must be considered if intending to use semiconductor fuses in these enclosed holders. Contact Fuseco for further advice.

Note For PV (Solar) Fuses

These holders are not suitable for use with 1000VDC PV (Solar) fuses. Refer to holders on page 40.

10 x 38mm Open Base Fuse Holders

L60030M1C

Open 1P Fuse Block, Box Lug Terminals, 30A @ 600V.
Contact Fuseco for Class CC fuse holders.



L60030M3C

Open 3P Fuse Block, Box Lug Terminals, 30A @ 600V.
Contact Fuseco for Class CC fuse holders.



10.3 x 38mm

10.3 x 38mm
500VAC*
fast (gG)



Class gG for cable and line protection

PART NO.	AMP	* VOLTAGE
420000	500mA	500V
420001	1A	500V
420002	2A	500V
420004	4A	500V
420006	6A	500V
420008	8A	500V

PART NO.	AMP	* VOLTAGE
420010	10A	500V
420012	12A	500V
420016	16A	500V
420020	20A	500V
420025	25A	500V
420032	32A	400V

10.3 x 38mm
500VAC*
slow (aM)



Class aM for circuits with high inrush currents

PART NO.	AMP	* VOLTAGE
440031	160mA	500V
440033	250mA	500V
440000	500mA	500V
440001	1A	500V
440002	2A	500V
440004	4A	500V
440006	6A	500V

PART NO.	AMP	* VOLTAGE
440008	8A	500V
440010	10A	500V
440012	12A	500V
440016	16A	500V
440020	20A	400V
440025	25A	400V
440032	32A	400V

14.3 x 51mm DIN Rail Fuse Holders



PART NUMBER	DESCRIPTION	MODULE	AMP RATING	VOLTAGE RATING	PACK SIZE
485201	14x51 DIN Fuse Holder 1 Pole	1.5	50A	690V	1
485204	14x51 DIN Fuse Holder 2 Pole	3	50A	690V	3
485205	14x51 DIN Fuse Holder 3 Pole	4.5	50A	690V	1
485207	14x51 DIN Fuse Holder 4 Pole	6	50A	690V	1
WITH LED INDICATOR					
485208	14x51 IND. DIN Fuse Holder 1 Pole	1.5	50A	690V	1
485209	14x51 IND. DIN Fuse Holder 1+N Pole	3	50A	690V	3
485210	14x51 IND. DIN Fuse Holder 2 Pole	3	50A	690V	3
485211	14x51 IND. DIN Fuse Holder 3 Pole	4.5	50A	690V	1
485212	14x51 IND. DIN Fuse Holder 3+N Pole	6	50A	690V	1
485213	14x51 IND. DIN Fuse Holder 4 Pole	6	50A	690V	1
WITH MICROSWITCH					
485220	14x51 MS DIN Fuse Holder 1 Pole	-	50A	690V	6
485223	14x51 MS DIN Fuse Holder 3 Pole	-	50A	690V	2
485224	14x51 MS DIN Fuse Holder 3+N Pole	-	50A	690V	1
485226	14x51 MS DIN Fuse Holder 1 Pole (only fusing)	-	50A	690V	6
485229	14x51 MS DIN Fuse Holder 3 Pole (only fusing)	-	50A	690V	2
485230	14x51 MS DIN Fuse Holder 3+N Pole (only fusing)	-	50A	690V	1
WITH NEUTRAL POLES					
485202	14x51 DIN Fuse Holder N Pole	1.5	50A	690V	6
485203	14x51 DIN Fuse Holder 1 + N Pole	3	50A	690V	3
485206	14x51 DIN Fuse Holder 3 + N Pole	6	50A	690V	1

Note For Semiconductor Fuses

Watts loss values of fuse and fuse holder combined must be considered if intending to use semiconductor fuses in these enclosed holders. Contact Fuseco for further advice.

14 x 51mm Open Fuse Holders

LFH250301-C

250VAC

Open 1P Fuse Block, Box Lug Terminals, 30A @ 250V.



LFH250301-C

250VAC

Open 3P Fuse Block, Box Lug Terminals, 30A @ 250V.



22 x 58mm DIN Rail Fuse Holders



PART NUMBER	DESCRIPTION	MODULE	AMP RATING	VOLTAGE RATING	PACK SIZE
485301	22x58 DIN Fuse Holder 1 Pole	2	125A	690V	6
485304	22x58 DIN Fuse Holder 2 Pole	4	125A	690V	3
485305	22x58 DIN Fuse Holder 3 Pole	6	125A	690V	1
485307	22x58 DIN Fuse Holder 4	8	125A	690V	1
WITH LED INDICATOR					
485308	22x58 IND DIN Fuse Holder 1 Pole	2	125A	690V	6
485309	22x58 IND DIN Fuse Holder 1+N Pole	4	125A	690V	3
485310	22x58 IND DIN Fuse Holder 2 Pole	4	125A	690V	3
485311	22x58 IND DIN Fuse Holder 3 Pole	6	125A	690V	2
485312	22x58 IND DIN Fuse Holder 3+N Pole	8	125A	690V	1
485313	22x58 IND DIN Fuse Holder 4 pole	13	125A	690V	1
WITH MICROSWITCH					
485320	22x58 MS DIN Fuse Holder 1 Pole		125A	690V	6
485323	22x58 MS DIN Fuse Holder 3 Pole		125A	690V	2
485324	22x58 MS DIN Fuse Holder 3+N Pole		125A	690V	1
WITH NEUTRAL POLES					
485302	22x58 DIN Fuse Holder N Pole	2	125A	690V	6
485303	22x58 DIN Fuse Holder 1+N Pole	4	125A	690V	3
485306	22x58 DIN Fuse Holder 3+N Pole	8	125A	690V	1

Note For Semiconductor Fuses

Watts loss values of fuse and fuse holder combined must be considered if intending to use semiconductor fuses in these enclosed holders. Contact Fuseco for further advice.

FP Series Fuse Pullers



PART NO.	DESCRIPTION
FP-A3	Glass tube and MINI / AUTO fuses
FP-2	10.3 to 21mm diameter fuses
FP-3	25.4 to 44.5mm diameter fuses
FP-4	44.5 to 63.5mm diameter fuses
FP-6	0-60A JLLN and JLLS fuses

FB Clip-In Fuse Holder (for NS fuses)



FB20H



FB32H



FB32BW



FB32BHA



FB32P

FEATURES

- To suit NS Clip-In fuses
- Available in 20A & 32A
- Voltage: 550VAC
- IP20 for safe operation
- Complies with IEC / AS 60269.2

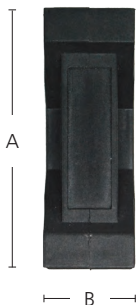
PRODUCT DETAILS

- DIN rail mounting facility
- Fully shrouded terminals
- Maximum cable size 16mm²
- 32P Stud size M6

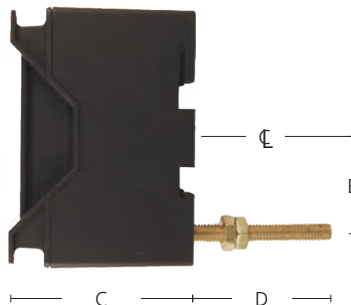
RANGE

PART NO.	AMP RATING	CONNECTION TYPE	FUSES TO SUIT	PACK SIZE
FB20H	20A	Front Connect	NS 2A - 20A, NS 20M25A & 20M32A	10
FB32H	32A	Front Connect		10
FB32BW	32A	Back Connect	NS 2A - 32A,	10
FB32BHA	32A	Back Stud / Front Connect	NS 20M25A & 20M32A	5
FB32P	32A	Back Stud / Back Stud		5

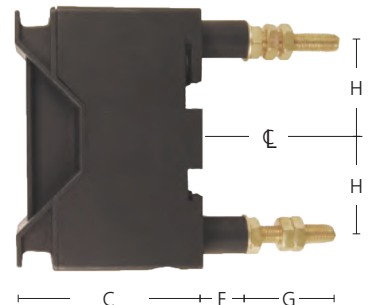
DIMENSIONS



H & BW



BHA

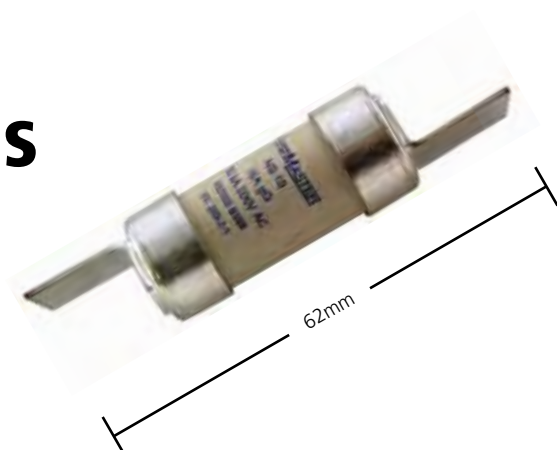


P

	A	B	C	D	E	F	G	H
FB20H	75	26	54	—	—	—	—	—
FB32H	75	26	54	—	—	—	—	—
FB32BW	75	26	54	—	—	—	—	—
FB32BHA	75	26	54	46	29	—	—	—
FB32PZ	75	26	54	—	—	15	30	29

All measurements in mm.

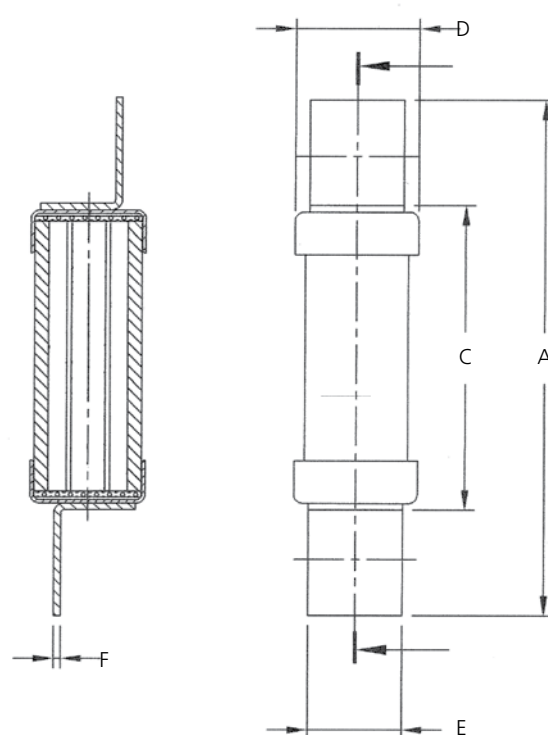
Clip-In Offset Tag

FUSEMASTER[®]**LAWSON**^{FUSES}
power safe solutions**NS**

Type gG for cable and line protection
Type gM for motor protection

Standards: BS88: Part 6; IEC 60269-2

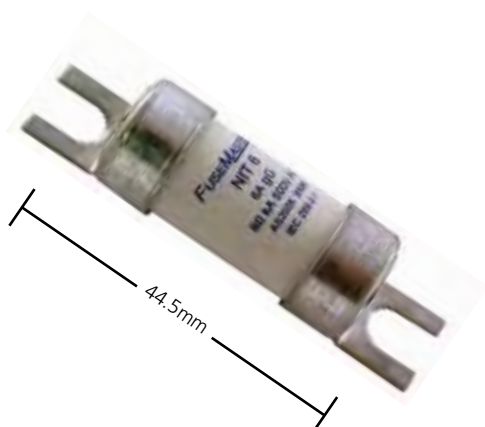
FUSECO PART NUMBER	AMP RATING	VOLTAGE RATING	UTILISATION CATEGORY	BREAKING CAPACITY AT RATED VOLTAGE
NS2	2A	500V	gG	80 kA
NS4	4A	500V	gG	80 kA
NS6	6A	500V	gG	80 kA
NS8	8A	500V	gG	80 kA
NS10	10A	500V	gG	80 kA
NS16	16A	500V	gG	80 kA
NS20	20A	500V	gG	80 kA
NS25	25A	500V	gG	80 kA
NS32	32A	500V	gG	80 kA
NS10M16	10M16A	415V	gM	80 kA
NS16M20	16M20A	415V	gM	80 kA
NS20M25	20M25A	415V	gM	80 kA
NS20M32	20M32A	415V	gM	80 kA
NS25M32	25M32A	415V	gM	80 kA
NS32M40	32M40A	415V	gM	80 kA
NS32M50	32M50A	415V	gM	80 kA
NS32M63	32M63A	415V	gM	80 kA



Dimensions

	CATEGORY	BRAND	A Overall Length	B Fixing Centre	C Body Length	D Body Diameter	E Tag Width	F Tag Thickness	G Hole Length	H Hole Width
NS2-32	F1	FuseMaster	60.0	-	35.0	14.2	11.0	0.8	-	-
NS20M	F1	Lawson	62.0	-	35.5	14.3	11.5	0.8	-	-
NS32M	F1	Lawson	62.0	-	39.0	17.5	11.5	0.8	-	-

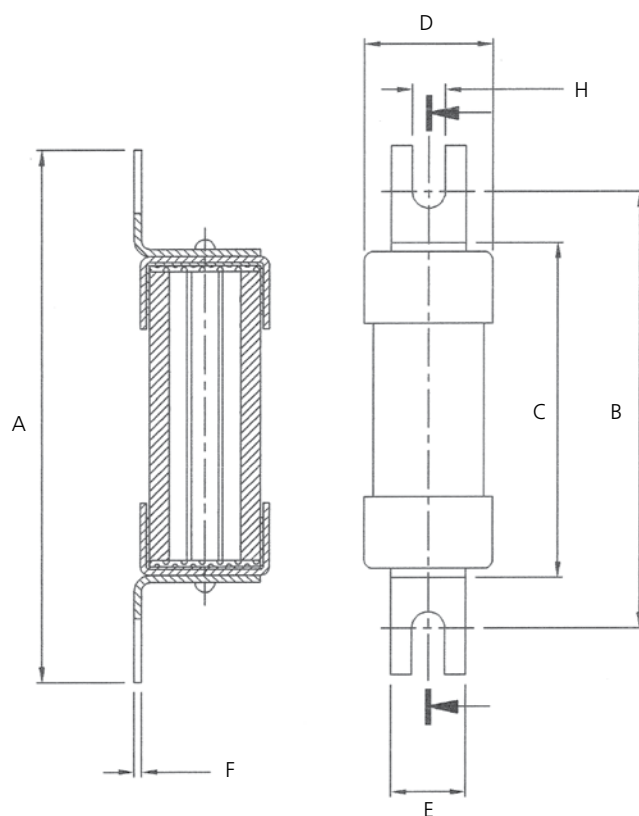
NIT



Type gG for cable and line protection
Type gM for motor protection

Standards: BS88: Part 6; IEC 60269-2

FUSECO PART NUMBER	AMP RATING	VOLTAGE RATING	UTILISATION CATEGORY	BREAKING CAPACITY AT RATED VOLTAGE
NIT2	2A	500V	gG	80 kA
NIT4	4A	500V	gG	80 kA
NIT6	6A	500V	gG	80 kA
NIT10	10A	500V	gG	80 kA
NIT16	16A	500V	gG	80 kA
NIT20	20A	500V	gG	80 kA
NIT25	25A	500V	gG	80 kA
NIT32	32A	500V	gG	80 kA
NIT20M25	20M25A	415V	gM	80 kA
NIT20M32	20M32A	415V	gM	80 kA
NIT32M40	32M40A	415V	gM	80 kA
NIT32M50	32M50A	415V	gM	80 kA
NIT32M63	32M63A	415V	gM	80 kA



Dimensions

	CATEGORY	BRAND	A	B	C	D	E	F	G	H
			Overall Length	Fixing Centre	Body Length	Body Diameter	Tag Width	Tag Thickness	Hole Length	Hole Width
NIT2-32	A1	FuseMaster	55.0	44.5	35.0	14.2	10.5	0.8	-	4.8
NIT20M	A1	Lawson	56.0	44.5	33.0	12.7	9.5	0.8	-	4.8
NIT32M	A1	Lawson	56.0	44.5	33.0	12.7	9.5	0.8	-	4.8

Bolt-In Offset Tag

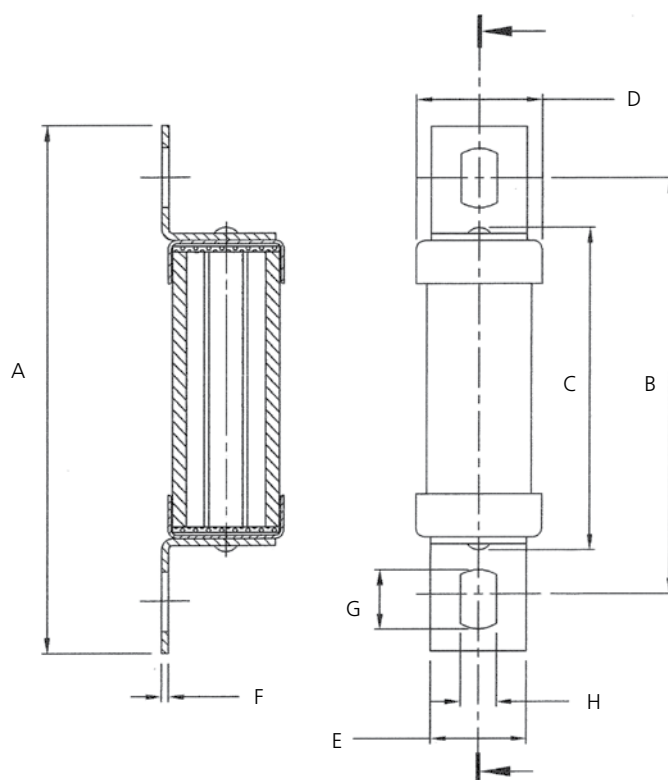
FUSEMASTER®


LAWSON
FUSES
power safe solutions
TIA
TIS


Type gG for cable and line protection
 Type gM for motor protection

Standards: BS88: Part 6; IEC 60269-2

FUSECO PART NUMBER	AMP RATING	VOLTAGE RATING	UTILISATION CATEGORY	BREAKING CAPACITY AT RATED VOLTAGE
TIA2	2A	500V	gG	80 kA
TIA4	4A	500V	gG	80 kA
TIA6	6A	500V	gG	80 kA
TIA10	10A	500V	gG	80 kA
TIA16	16A	500V	gG	80 kA
TIA20	20A	500V	gG	80 kA
TIA25	25A	500V	gG	80 kA
TIA32	32A	500V	gG	80 kA
TIA32M40	32M40A	415V	gM	80 kA
TIA32M50	32M50A	415V	gM	80 kA
TIA32M63	32M63A	415V	gM	80 kA
TIS35	35A	500V	gG	80 kA
TIS40	40A	500V	gG	80 kA
TIS50	50A	500V	gG	80 kA
TIS63	63A	500V	gG	80 kA
TIS80	80A	415V	gG	80 kA
TIS100	100A	415V	gG	80 kA
TIS63M80	63M80A	415V	gM	80 kA
TIS63M100	63M100A	415V	gM	80 kA
TIS100M125	100M125A	415V	gM	80 kA



Dimensions

	CATEGORY	BRAND	A	B	C	D	E	F	G	H
			Overall Length	Fixing Centre	Body Length	Body Diameter	Tag Width	Tag Thickness	Hole Length	Hole Width
TIA2-32	A2	FuseMaster	84.5	73.0	55.0	21.5	8.7	1.2	8.0	5.5
TIA32M	A2	Lawson	86.0	73.0	49.0	22.0	9.0	1.2	8.0	5.5
TIS35-63	A3	FuseMaster	88.5	73.0	56.0	21.5	-	1.2	-	5.5
TIS80-100	A3	Lawson	89.0	73.0	49.0	26.0	13.0	1.2	-	5.5
TIS63M	A3	Lawson	89.0	73.0	49.0	26.0	13.0	1.2	-	5.5
TIS100M	A3	Lawson	89.0	73.0	49.0	26.0	13.0	1.2	-	5.5

Bolt-In Centre Tag

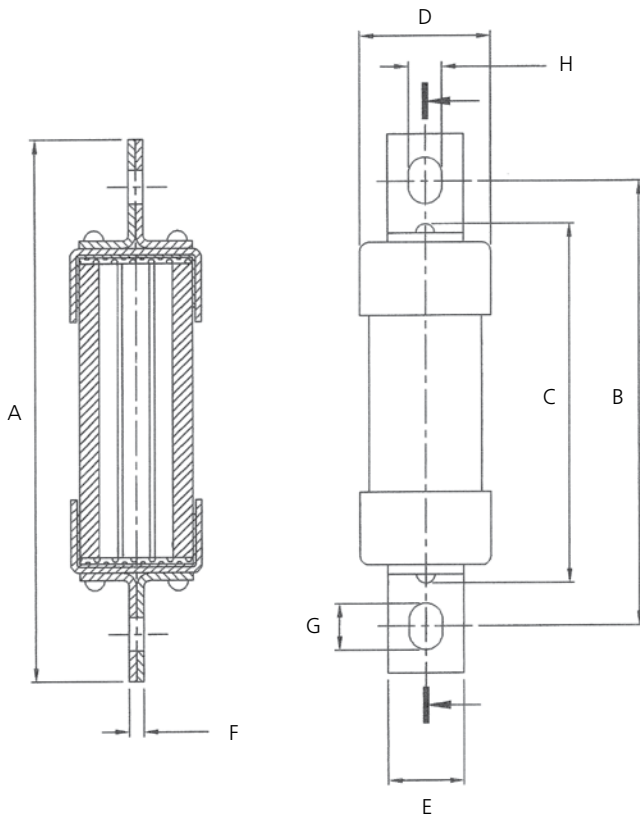
TBC
TC
TF
TKF
TMF



Type gG for cable and line protection
Type gM for motor protection

Standards: BS88: Part 6; IEC 60269-2

FUSECO PART NUMBER	AMP RATING	VOLTAGE RATING	UTILISATION CATEGORY	BREAKING CAPACITY AT RATED VOLTAGE
TBC2	2A	415V	gG	80 kA
TBC4	4A	415V	gG	80 kA
TBC6	6A	415V	gG	80 kA
TBC10	10A	415V	gG	80 kA
TBC16	16A	415V	gG	80 kA
TBC20	20A	415V	gG	80 kA
TBC25	25A	415V	gG	80 kA
TBC32	32A	415V	gG	80 kA
TBC35	35A	415V	gG	80 kA
TBC40	40A	415V	gG	80 kA
TBC50	50A	500V	gG	80 kA
TBC63	63A	500V	gG	80 kA
TBC63M80	63M80A	415V	gM	80 kA
TBC63M100	63M100A	415V	gM	80 kA
TC80	80A	500V	gG	80 kA
TC100	100A	500V	gG	80 kA
TC 100M125	100M125A	415V	gM	80 kA
TC 100M160	100M160A	415V	gM	80 kA
TC 100M200	100M200A	415V	gM	80 kA
TF125	125A	500V	gG	80 kA
TF160	160A	500V	gG	80 kA
TF200	200A	500V	gG	80 kA
TF200M250	200M250A	415V	gM	80 kA
TF200M315	200M315A	415V	gM	80 kA
TKF250	250A	500V	gG	80 kA
TKF315	315A	500V	gG	80 kA
TKF315M355	315M355A	415V	gM	80 kA
TKF315M400	315M400A	415V	gM	80 kA
TMF355	355A	500V	gG	80 kA
TMF400	400A	500V	gG	80 kA
TMF400M450	400M450A	415V	gM	80 kA
TMF400M500	400M500A	415V	gM	80 kA



Dimensions

	CATEGORY	BRAND	A	B	C	D	E	F	G	H
			Overall Length	Fixing Centre	Body Length	Body Diameter	Tag Width	Tag Thickness	Hole Length	Hole Width
TBC2-40	as B1	Lawson	137.0	111.0	45.0	22.0	15.0	1.4	14.0	8.7
TBC50-63	as B1	FuseMaster	135.5	111.0	65.0	31.8	17.0	3.2	11.0	8.7
TBC63M	as B1	Lawson	137.0	111.0	45.0	26.0	20.0	3.2	14.0	8.7
TC80-100	B1	FuseMaster	135.5	111.0	65.0	31.8	17.0	3.2	11.0	8.7
TC100M	B1	Lawson	137.0	111.0	45.0	35.0	20.0	3.2	14.0	8.7
TF125-200	B2	FuseMaster	131.5	111.0	72.0	39.5	19.0	3.2	11.0	8.7
TF200M	B2	Lawson	137.0	111.0	45.0	41.0	20.0	3.2	14.0	8.7
TKF250-315	B3	FuseMaster	135.5	111.0	70.0	50.5	25.4	3.2	11.0	8.7
TKF315M	B3	Lawson	137.0	111.0	45.0	51.0	26.0	6.4	14.0	8.7
TMF355-400	B4	FuseMaster	136.5	111.0	72.0	50.5	25.4	5.3	11.0	8.7
TMF400M	B4	Lawson	137.0	111.0	52.0	61.0	26.0	6.4	16.0	8.7

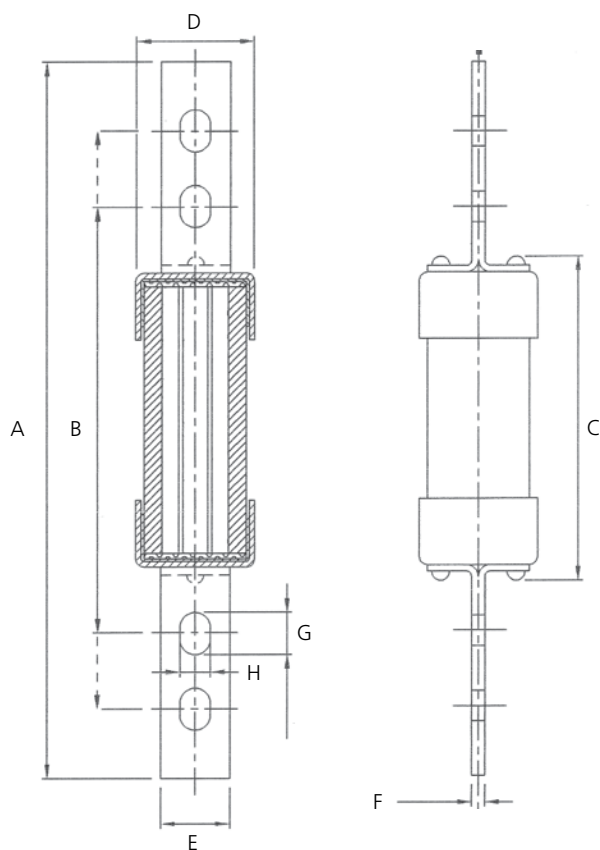
TM
TTM
TLM
TMT
TT
TLT



Type gG for cable and line protection
Type gM for motor protection

Standards: BS88: Part 6; IEC 60269-2

FUSECO PART NUMBER	AMP RATING	VOLTAGE RATING	UTILISATION CATEGORY	BREAKING CAPACITY AT RATED VOLTAGE
TM355	355A	500V	gG	80 kA
TM400	400A	500V	gG	80 kA
TM400M450	400M450A	415V	gM	80 kA
TM400M500	400M500A	415V	gM	80 kA
TTM450	450A	500V	gG	80 kA
TTM500	500A	500V	gG	80 kA
TTM560	560A	500V	gG	80 kA
TTM630	630A	500V	gG	80 kA
TLM670	670A	415V	gG	80 kA
TLM710	710A	415V	gG	80 kA
TLM750	750A	415V	gG	80 kA
TLM800	800A	415V	gG	80 kA
TMT355	355A	415V	gG	80 kA
TMT400	400A	415V	gG	80 kA
TT450	450A	415V	gG	80 kA
TT500	500A	415V	gG	80 kA
TT560	560A	415V	gG	80 kA
TT630	630A	415V	gG	80 kA
TLT670	670A	415V	gG	80 kA
TLT710	710A	415V	gG	80 kA
TLT750	750A	415V	gG	80 kA
TLT800	800A	415V	gG	80 kA



Dimensions

	CATEGORY	BRAND	A Overall Length	B Fixing Centres	C Body Length	D Body Diameter	E Tag Width	F Tag Thickness	G Hole Length	H Hole Width
TM355-400	C1	FuseMaster	210.0	133/184	77.0	50.5	25.4	6.5	12.5	10.3
TM400M	C1	Lawson	210.0	133/184	51.0	61.0	26.0	6.4	16.0	10.3
TTM	C2	FuseMaster	207.0	133/184	71.0	70.0	25.4	6.5	12.5	10.3
TLM	C3	Lawson	210.0	133/184	56.0	73.0	26.0	9.5	16.0	10.3
TMT	-	Lawson	267.0	165/229	52.0	61.0	26.0	6.3	16.0	10.3
TT	-	Lawson	267.0	165/229	54.0	61.0	26.0	7.8	16.0	10.3
TLT670-800	-	Lawson	267.0	165/229	56.0	73.0	26.0	9.5	16.0	10.3

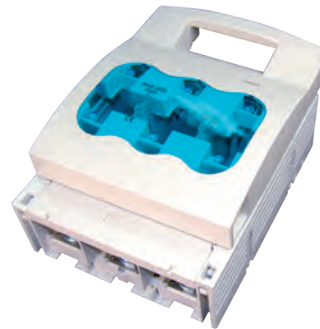
NH Disconnect Switch – 3 Pole



SIZE 00



SIZE 1



SIZE 2



SIZE 3

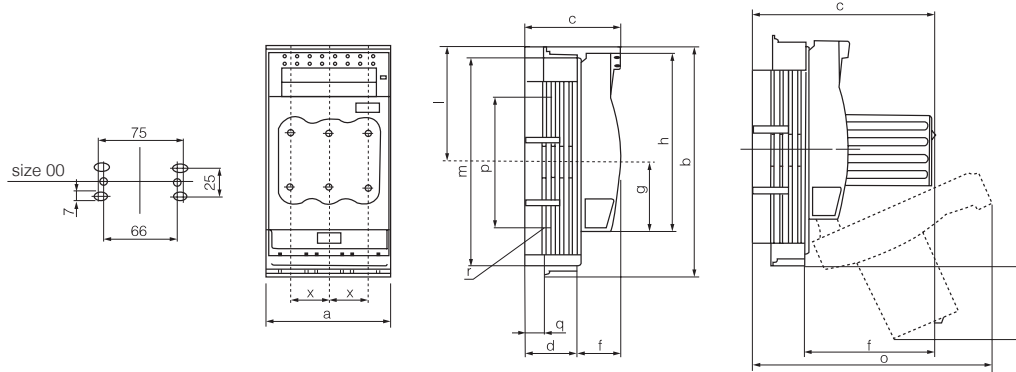
FEATURES

- 3 phase fuse switch disconnectors for NH fuse links
- Up to 690VAC operation
- Available in 4 current ratings from 160A up to 630A
- Surface mounting or direct mounting on 60mm bus systems for fast fixing
- Suitable for AC and DC 22B switching capability
- Complies with IEC 60947.3 standard

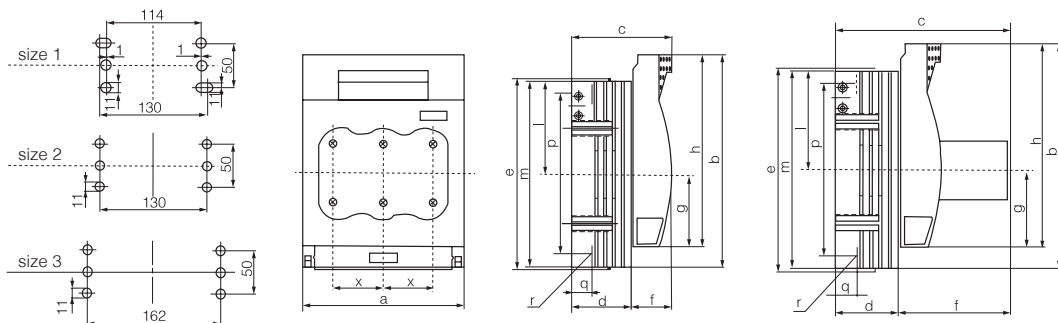
	NH SIZE	MAX AMP RATING	VOLTAGE	MOUNTING	MONITORING DEVICE	WEIGHT (KG)	PACK QTY
SURFACE MOUNT							
NH00-3DS	00/000	160A	690V	Surface	None	0.86	1
NH1-3DS	1	250A	690V	Surface	None	2.24	1
NH2-3DS	2	400A	690V	Surface	None	3.37	1
NH3-3DS	3	630A	690V	Surface	None	4.64	1
SURFACE MOUNT – WITH MECHANICAL MONITOR							
NH00-3DSM	00/000	160A	690V	Surface	Mechanical	1.06	1
NH1-3DSM	1	250A	690V	Surface	Mechanical	2.44	1
NH2-3DSM	2	400A	690V	Surface	Mechanical	3.57	1
NH3-3DSM	3	630A	690V	Surface	Mechanical	4.84	1
BUSBAR MOUNT							
NH00-3DSBB	00/000	160A	690V	Busbar	None	1.23	1
NH1-3DSBB	1	250A	690V	Busbar	None	3.59	1
NH2-3DSBB	2	400A	690V	Busbar	None	4.48	1
NH3-3DSBB	3	630A	690V	Busbar	None	7.32	1
BUSBAR MOUNT – WITH ELECTRONIC MONITORING DEVICE							
NH00-3DSBBE	00/000	160A	690V	Busbar	Electrical	1.53	1
NH1-3DSBBE	1	250A	690V	Busbar	Electrical	3.84	1
NH2-3DSBBE	2	400A	690V	Busbar	Electrical	4.73	1
NH3-3DSBBE	3	630A	690V	Busbar	Electrical	7.67	1
BUSBAR MOUNT – WITH MECHANICAL MONITOR							
NH00-3DSBBM	00/000	160A	690V	Busbar	Mechanical	1.68	1
NH1-3DSBBM	1	250A	690V	Busbar	Mechanical	3.99	1
NH2-3DSBBM	2	400A	690V	Busbar	Mechanical	4.88	1
NH3-3DSBBM	3	630A	690V	Busbar	Mechanical	7.72	1

ELECTRICAL SPECIFICATIONS	SIZE 000/00	SIZE 1	SIZE 2	SIZE 3
Rated Operational Current (Ith)	160A	250A	400A	630A
Current with neutral links installed	210A	325A	520A	1000A
Rated Operational Voltage (Ue)	690V	690V	690V	690V
Rated Insulation Voltage (Ui)	750V	750V	750V	750V
Rated Impulse Withstand	8kV	8kV	8kV	8kV
Rated frequency	50-60Hz	50-60Hz	50-60Hz	50-60Hz
Rated conditional short circuit current	50kA	50kA	50kA	50kA
Max. Power Loss per fuse link	12W	23W	34W	48W
Operating cycles without current	1700	1400	800	800
Operating cycles with current	200	200	200	200
Degree of protection - Operational	IP20	IP20	IP20	IP20
Degree of protection – Door Open	IP10	IP10	IP10	IP10
Rated duty	Uninterrupted	Uninterrupted	Uninterrupted	Uninterrupted
Connections, Busbar MAX	20 x 10mm	30 x 10mm	30 x 10mm	40 x 10mm
Connections, Cables MAX (mm²)	1 x 10-95	1 x 25-150	1 x 25-240	1 x 25-300
Bolt Size	M8	M10	M10	M10
Ambient Temperature	-25°C to 55°C	-25°C to 55°C	-25°C to 55°C	-25°C to 55°C
Pollution Degree	3	3	3	3
Utilisation Category	AC-21B (160A/690V) AC-22B (160A/690V) AC-23B (125A/500V) AC-23B (160A/400V) DC-21B (160A/440V) DC-22B (125A/440V) DC-22B (160A/220V)	AC-22B (250A/690V) AC-22B (250A/500V) AC-23B (250A/690V) AC-23B (250A/500V) DC-21B (250V/440V) DC-21B (250V/220V) DC-22B (250V/440V) DC-22B (250V/220V)	AC-22B (400A/690V) AC-22B (400A/500V) AC-23B (400A/690V) AC-23B (400A/500V) DC-21B (400A/440V) DC-21B (400A/220V) DC-22B (400A/440V) DC-22B (400A/220V)	AC-22B (630A/690V) AC-22B (630A/500V) AC-23B (630A/690V) AC-23B (630A/500V) DC-21B (630A/440V) DC-21B (630A/220V) DC-22B (630A/440V) DC-22B (630A/220V)
Dimensions (W x H x D)	106 x 200 x 82.5 (mm)	184 x 243 x 111.5 (mm)	201 x 243 x 128 (mm)	256 x 243 x 142.5 (mm)

	A	B	C	D	F	G	H	K	I	M	O	P	Q	R	X
NH00-3DS	106	200	82.5	45	37	60	155	-	100	181	206	115	17	M8	33
NH00-3DSM	106	200	157	45	112	60	155	64	100	181	206	115	17	M8	33



	A	B	C	D	E	F	G	H	I	M	P	Q	R	X
NH1-3DS	184	243	111.5	66	220	45.5	84	220	107	214.5	185	21.5	M10	57
NH2-3DS	201	243	128	80	-	48	92	249	124	255	210	25	M10	65
NH3-3DS	256	243	142.5	94.5	-	48	98.5	259	127.5	267	210	30	M12	81
NH1-3DSM	184	243	186.5	60	220	120.5	84	220	107	214.5	185	21.5	M10	57
NH2-3DSM	210	243	203	80	-	123	92	249	124	255	210	25	M10	65
NH3-3DSM	256	243	217.5	94.5	-	123	98.5	259	127.5	267	210	30	M12	81



Busbar Mount: Dimensions available upon request

NH Knife Blade Fuses

gG 500V**Sizes 000 – 3 2A – 630A**

The NH fuse system is composed of the following items:

- Fuse link with blade contact
- Single pole (single phase) and triple pole (3-phase) fuse bases (including terminal covers and phase barriers)
- Single pole (single phase) and triple pole (3-phase) disconnect switches (surface mount and busbar mount available)
- Neutral Link with blade contact
- Fuse link replacement device (Grip Handle)

APPLICATIONS

- Operating Class gG: General purpose cable and line protection

FEATURES

- Sizes: 000, 00, 1, 2 and 3
- Voltage: 500VAC
- Top plate indicator for easy identification of blown fuses
- High breaking capacity (interrupting rating) of 120 kA
- Low power losses
- Low temperature rise
- Dimensions according to DIN 43 620 Parts 1 to 4
- Non-isolated standard application metal gripping lugs
- Lead-free contact blades



APPROVALS

IEC 60269-1-2
EN 60269-1-2
HD 60269-2



NH Knife Blade Fuses

gG 500V
Sizes 000 – 3 2A – 630A

I²T AND POWER LOSS VALUES

SIZE	PART NO.	CURRENT RATING	PRE-ARCING I ² T VALUE (A ² s)	TOTAL I ² T VALUE @ 500V (A ² s)	POWER LOSS (W)
NH000	NH000F-16	16A	307	1,060	1.4
	NH000F-20	20A	691	1,800	1.6
	NH000F-25	25A	1,080	3,700	2.4
	NH000F-32	32A	1,920	7,800	2.6
	NH000F-40	40A	3,130	14,100	3.2
	NH000F-50	50A	6,250	17,000	4.3
	NH000F-63	63A	14,000	25,400	4.7
	NH000F-80	80A	25,000	47,000	4.8
	NH000F-100	100A	39,000	72,000	6.5
NH00	NH00F-125	125A	48,000	132,000	7.5
	NH00F-160	160A	98,000	204,000	8.8
NH1	NH1F-80	80A	22,000	50,000	5.0
	NH1F-100	100A	34,000	85,000	6.8
	NH1F-125	125A	50,000	145,000	9.0
	NH1F-160	160A	101,000	233,000	11.2
	NH1F-200	200A	175,000	332,000	13.2
	NH1F-224	224A	232,000	471,000	15.2
	NH1F-250	250A	310,000	582,000	15.5
	NH2F-160	160A	105,000	225,000	11.8
NH2	NH2F-200	200A	150,000	355,000	13.8
	NH2F-250	250A	215,000	650,000	16.2
	NH2F-300	300A	335,000	1,076,000	19.8
	NH2F-315	315A	431,000	1,289,000	22.0
	NH2F-355	355A	658,000	1,560,000	22.7
	NH2F-400	400A	860,000	1,710,000	27.6
	NH3F-315	315A	467,000	1,322,000	19.0
NH3	NH3F-355	355A	591,000	1,652,000	22.0
	NH3F-400	400A	804,000	1,820,000	26.0
	NH3F-425	425A	883,000	2,170,000	31.0
	NH3F-500	500A	1,720,000	3,345,000	36.0
	NH3F-630	630A	3,219,000	4,900,000	38.0

Australux 5 x 20mm

M205

250VAC
fast, glass



"Australux"

Fast acting for general applications

PART NO.	AMP RATING	PART NO.	AMP RATING
M205-100MA	100mA	M205-1.6A	1.6A
M205-125MA	125mA	M205-2A	2A
M205-160MA	160mA	M205-2.5A	2.5A
M205-200MA	200mA	M205-3.15A	3.15A
M205-250MA	250mA	M205-4A	4A
M205-315MA	315mA	M205-5A	5A
M205-400MA	400mA	M205-6.3A	6.3A
M205-500MA	500mA	M205-8A	8A
M205-630MA	630mA	M205-10A	10A
M205-800MA	800mA	M205-15A	15A
M205-1A	1A	M205-20A	20A
M205-1.25A	1.25A		

DA205

250VAC
slow, glass



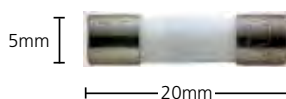
"Australux"

Delayed action performance

PART NO.	AMP RATING	PART NO.	AMP RATING
DA205-100MA	100mA	DA205-1.25A	1.25A
DA205-125MA	125mA	DA205-1.6A	1.6A
DA205-160MA	160mA	DA205-2A	2A
DA205-200MA	200mA	DA205-2.5A	2.5A
DA205-250MA	250mA	DA205-3.15A	3.15A
DA205-315MA	315mA	DA205-4A	4A
DA205-400MA	400mA	DA205-5A	5A
DA205-500MA	500mA	DA205-6.3A	6.3A
DA205-630MA	630mA	DA205-8A	8A
DA205-800MA	800mA	DA205-10A	10A
DA205-1A	1A	DA205-15A	15A

MP205

250VAC
fast, ceramic



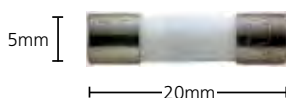
"Australux"

Fast acting for general applications

PART NO.	AMP	PART NO.	AMP
MP205-250MA	250mA	MP205-2A	2A
MP205-315MA	315mA	MP205-2.5A	2.5A
MP205-400MA	400mA	MP205-3.15A	3.15A
MP205-500MA	500mA	MP205-4A	4A
MP205-630MA	630mA	MP205-5A	5A
MP205-800MA	800mA	MP205-6.3A	6.3A
MP205-1A	1A	MP205-8A	8A
MP205-1.25A	1.25A	MP205-10A	10A
MP205-1.6A	1.6A	MP205-15A	15A

MP205DA

250VAC
slow, ceramic



"Australux"

Delayed action performance

PART NO.	AMP	PART NO.	AMP
MP205DA-200MA	200mA	MP205DA-2A	2A
MP205DA-250MA	250mA	MP205DA-2.5A	2.5A
MP205DA-315MA	315mA	MP205DA-3.15A	3.15
MP205DA-400MA	400mA	MP205DA-4A	4A
MP205DA-500MA	500mA	MP205DA-5A	5A
MP205DA-630MA	630mA	MP205DA-6.3A	6.3A
MP205DA-800MA	800mA	MP205DA-8A	8A
MP205DA-1A	1A	MP205DA-10A	10A
MP205DA-1.25A	1.25A	MP205DA-15A	15A
MP205DA-1.6A	1.6A		

Fuse Clips and Blocks

HF-004 (5 x 20mm)

Nickel plated with end stops, 20A @ 125V



HF-004/P (5 x 20mm)

Phosphor bronze body, tin plated, 20A @ 125V



HF-003/B (5 x 20mm)

Modular Fuse Base, 15A @ 125V



HF-003 (5 x 20mm)

High profile with transparent cover, 6.3A @ 250V



HF-005 (6.3 x 32mm)

Nickel plated, 20A @ 125V



6X32801 (6.3 x 32mm)

Moulded Base Fuse Block, 30A @ 300V



1A1907-06 (6.3 x 32mm)

Tin Plated Fuse Clip, 20A @ 125V



Panel Mount Holders

HF-007 (5 x 20mm)

Finger-grip knob, 10A @ 125V



HF-008 (6.3 x 32mm)

Finger grip knob, 15A @ 125V



FH-033 (5 x 20mm)

Screwdriver slot, 10A @ 125V



FH-052S (6.3 x 32mm)

Screwdriver slot, 20A @ 250V



FH-043A (5 x 20mm)

Finger-grip knob, 10A @ 250V



FH-001AF (6.3 x 32mm)

Finger grip knob, 15A @ 125V



HTB-24M (5 x 20mm)

Screwdriver slot, 20A @ 250V



HKP (6.3 x 32mm)

Heavy duty finger grip, 30A @ 125V to 250V



DIN Rail Holders

M205-DIN1 (5 x 20mm)

To be used with 4mm Cable, 6.3A @ 600V



3AG-DIN1-10 (6.3 x 32mm)

To be used with 10mm Cable, 10A @ 600V



M205-DIN1-10 (5 x 20mm)

To be used with 10mm Cable, 10A @ 600V



3AG-DIN1 (6.3 x 32mm)

To be used with 4mm Cable, 10A @ 600V



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