

PARAMOUNT HRC CARTRIDGE FUSELINKS & FUSE UNITS

- The leading edge of HRC fuse technology
- Options to suit every application
- Compact 415V fuselinks
- NEW ferrule fuselinks
- New F type semi-conductor fuselinks
- Breaking capacity of 80kA at 415V
- Motor rated fuselinks
- New compact moulded HRC fuse units...
- Fully shrouded for safety
- For bolt-in & clip-in fuselinks

Eaton MEM's technical ability coupled with recent investment in manufacturing technology has lead to being able to offer an extensive range of up to date designs at the leading edge of fuse technology including...

- New general purpose 415V a.c. 29 x 12.7mm ferrule fuselinks complying with BS EN 60269-1 (BS88: Part 1) and BS7654 with ratings from 2-32A. For use in industrial and commercial installations.
- New F type semiconductor protection fuselinks complying with IEC 60269-4 and BS88: Part 4. Ratings from 6-900A at 240V a.c. and 6-710A at 660/690V a.c. For the protection of semiconductor devices requiring high speed disconnection from faults.

Our comprehensive range offers a selection of fuses to cater for many applications:

Compact 415V a.c. S type industrial fuselinks complying with BS EN 60269-1 (BS88: part 1) or BS88: Part 2 with ratings from 2 to 1250A. Skilful design techniques have meant that power dissipation has frequently been reduced despite the significant reduction in barrel size. Many ratings have also been tested for use in circuits up to 250V d.c.

Compact 415V a.c. S type motor circuit protection fuselinks complying with BS EN 60269-1 (BS88: part 1) or BS88: Part 2 with ratings from 20M25A to 400M500A. This extended range of fuselinks is designed to withstand the inrush current associated with direct on line start motors whilst saving cost on the size of equipment to which they are fitted by virtue of their small dimensions.

Compact 240V and 415V a.c. SS, SN and SP type offset blade contact fuselinks complying with BS EN 60269-1 (BS88: part 1) or BS88: Part 6 with ratings from 2 to 63A for use in industrial and commercial installations.

550V a.c. S type industrial fuselinks complying with BS EN 60269-1 (BS88: part 1) or BS88: Part 2 with ratings from 2 to 800A are also available in the most commonly used fixing centres. Also rated at 250V d.c.

Compact 415V a.c. J type feeder pillar fuselinks complying with BS88: Part 5 for use by the Electricity Supply Industry in distribution systems. Ratings from 63-400A with 82mm fixing centres and 63-800A with 92mm fixing centres for wedge tightening contacts and 63-250A in ferrule form for single phase pole mounted cut outs.

NH type blade contact 500V a.c. fuselinks complying with IEC 60269-2-1 section 1 and with dimensions also to DIN43620/1. Ratings from 6-630A in size C00 to size 4. For use in industrial applications where European practice prevails.

Eaton MEM HRC fuselinks are manufactured to exacting standards using precision assembly methods and undergo rigorous quality checking before dispatch including resistance testing all production. This ensures that performance will be consistent and conform with published characteristics within close tolerances. Type tests on Eaton MEM equipment have been performed using Eaton MEM fuselinks and the exclusive use of Eaton MEM fuselinks in Eaton MEM equipment will extend the warranty period to 3 years.

Eaton MEM industrial and general purpose fuselinks have a breaking range and utilization category gG which replaces the old class Q1 fusing factor. "g" indicates a full range breaking capacity fuselink and "G" indicates a fuselink for general application.

Eaton MEM motor circuit protection fuselinks have a breaking range and utilization category gM indicating a full range breaking capacity fuselink for the protection of motor circuits. These fuselinks have a dual current rating separated by the letter "M".

The lower current rating is the maximum continuous rating which also determines the rating and size of equipment to which the fuse is fitted. The higher current rating is the time current characteristic of the fuselink which determines its ability to withstand the motor starting current. Their selection frequently permits the use of lower rated switch and/or fusegear than would be the case using gG fuselinks with a consequent cost saving. Type gG fuselinks however may still be used and are the preferred option for assisted start motors where starting currents are reduced.

Technical information for these products is available from Eaton MEM's Customer Services Department.

Eaton MEM fuselinks are designed and manufactured in accordance with a Quality Management System in accordance with ISO 9001 assessed by BSI. Most fuselinks are ASTA Certified for a breaking capacity of 80kA at 415V or 550V a.c. and are endorsed ASTA 20 CERT showing compliance with the rules of the ASTA 20 scheme which includes assessment of the Quality Management System to ISO 9002 and detailed auditing of fuselink manufacture.

Eaton MEM have for many years participated in developing and influencing fuse standards through EIEMA and BSI at national level and IEC at international level and therefore are able to produce designs incorporating forthcoming changes to standards.

415V INDUSTRIAL FUSELINKS

S-Type compact industrial bolted pattern fuselinks with offset contacts.

ASTA 20 Certified or tested to BS EN 60269-1 (BS88: Part 1) or BS88:

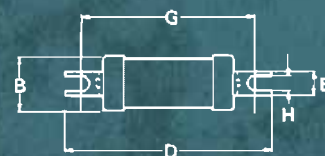
Part 2 for a breaking capacity of 80 kA at 415V a.c.

- These industrial bolted pattern fuselinks are of two types - with offset contacts of ratings 2-200A and with centre contacts of ratings 2-1250A.
- They are available to BS references A1 to A4, B1 to B4, C1 to C3, D1 and in certain other sizes.

RATING I _e NORMAL	MOTOR	FIXING CENTRES (mm)	BS88 REF	LIST NO.	DIMENSIONAL EQUIVALENTS		
					GEC/LAWSON	BRUSH/HAWKER	BUSSMANN/DORMAN
2A	-	44.5	A1	2SA2	NIT2	2F21	NITD2
4A	-			4SA2	NIT4	4F21	NITD4
6A	-			6SA2	NIT6	6F21	NITD6
10A	-			10SA2	NIT10	10F21	NITD10
16A	-			16SA2	NIT16	16F21	NITD16
20A	-			20SA2	NIT20	20F21	NITD20
20A	25A			20SA2M25	NIT20M25	20M25F21	NITD20M25
20A	32A			20SA2M32	NIT20M32	20M32F21	NITD20M32
25A	-			25SA2	NIT25	25F21	NITD25
32A	-			32SA2	NIT32	32F21	NITD32
32A	40A			32SA2M40	NIT32M40	-	NITD32M40
32A	50A			32SA2M50	NIT32M50	-	NITD32M50
32A	63A			32SA2M63	NIT32M63	-	NITD32M63
2A	-	73	A2	2SB3	TIA2	2H07	AA02
4A	-			4SB3	TIA4	4H07	AA04
6A	-			6SB3	TIA6	6H07	AA06
10A	-			10SB3	TIA10	10H07	AA010
16A	-			16SB3	TIA16	16H07	AA016
20A	-			20SB3	TIA20	20H07	AA020
25A	-			25SB3	TIA25	25H07	AA025
32A	-			32SB3	TIA32	32H07	AA032
32A	40A			32SB3M40	TIA32M40	32M40H07	AA032M40
32A	50A			32SB3M50	TIA32M50	32M50H07	AA032M50
32A	63A			32SB3M63	TIA32M63	32M63H07	AA032M63
35A	-	73	A3	35SB4	TIS35	-	-
40A	-			40SB4	TIS40	40K07	BA040
50A	-			50SB4	TIS50	50K07	BA050
63A	-			63SB4	TIS63	63K07	BA063
63A	80A			63SB4M80	TIS63M80	63M80K07	BA063M80
63A	100A			63SB4M100	TIS63M100	63M100K07	BA063M100
80A	-			80SO	OS80/TIS80	80K07R	OSD80
100A	-			100SO	OS100/TIS100	100K07R	OSD100
100A	125A			100SOM125	OS100M125/TIS100M125	-	OSD100M125
100A	160A			100SOM160	-	-	OSD100M160
125A	-			125SO	OOT125	-	-
160A	-			160SO	OOT160	-	-
200A	-			200SO	-	-	-
32A	-	94	A4	32SD5	TCP32	32L14	CE035
40A	-			40SD5	TCP40	40L14	CE040
50A	-			50SD5	TCP50	50L14	CE050
63A	-			63SD5	TCP63	63L14	CE063
80A	-			80SD5	TCP80	80L14	CE080
100A	-			100SD5	TCP100	100L14	CE0100
100A	125A			100SD5M125	TCP100M125	100M125L14	CE0100M125
100A	160A			100SD5M160	TCP100M160	100M160L14	CE0100M160
100A	200A			100SD5M200	TCP100M200	100M200L14	CE0100M200
125A	-			125SD6	TFP125	125M14	DE0125
160A	-			160SD6	TFP160	160M14	DE0160
200A	-			200SD6	TFP200	200M14	DE0200
200A	250A	94		200SD6M250	TFP200M250	200M250M14	DE0200M250
200A	315A			200SD6M315	-	-	-

DIMENSIONS

LIST NO	A MAX. mm	B MAX. mm	D MAX. mm	E mm	F mm	G NOM. mm	H MM	J MM
SA2	33	14	54	11	0.8	44.5	4.8	-
SA2M (25-40A)	33	14	54	11	0.8	44.5	4.8	-
SA2M (50-63A)	36	17.5	55	11	1.2	44.5	4.8	-
SB3	34	14	86	9	1.2	73	5.5	8
SB3M	38	17	86	9	1.2	73	5.5	8
SB4	38	17	86	9	1.2	73	5.5	8
SB4M	45	27	91	13	1.6	73	5.8	10
SO (80-100A)	45	27	91	13	1.6	73	5.8	10
SOM	45	27	91	13	1.6	73	5.8	10
SO (125-200A)	48	30	90	19	3.2	73	5.8	-
SD5	48	27	111	16	3.2	94	9	-
SD5M	48	30	111	19	3.2	94	9	-
SD6	48	30	111	16	3.2	94	9	-
SD6M	48	40	111	19	3.2	94	9	-



SB3, SB3M,
SB4, SB4M,
SO (80-100A)
& SOM types



PARAMOUNT HRC CARTRIDGE FUSELINKS & FUSE UNITS

550V INDUSTRIAL FUSELINKS

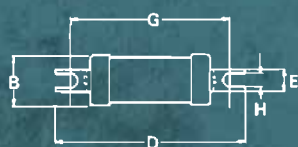
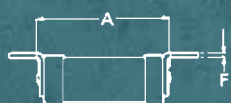
S-Type industrial bolted pattern fuselinks with offset contacts. ASTA 20 Certified or tested to BS EN 60269-1 (BS88: Part 1) or BS88: Part 2 for a breaking capacity of 80 kA at 550V a.c.



RATING I _e NORMAL	MOTOR	FIXING CENTRES mm	BS88 REF	LIST NO.	DIMENSIONAL EQUIVALENTS		
					GEC/LAWSON	BRUSH/HAWKER	BUSSMANN/DORMAN
2A	-	44.5	A1	2SA2-550	NIT2	2F21	NITD2
4A	-			4SA2-550	NIT4	4F21	NITD4
6A	-			6SA2-550	NIT6	6F21	NITD6
10A	-			10SA2-550	NIT10	10F21	NITD10
16A	-			16SA2-550	NIT16	16F21	NITD16
20A	-			20SA2-550	NIT20	20F21	NITD20
2A	-	73	A2	2SB3-550	TIA2	2H07	AA02
4A	-			4SB3-550	TIA4	4H07	AA04
6A	-			6SB3-550	TIA6	6H07	AA06
10A	-			10SB3-550	TIA10	10H07	AA010
16A	-			16SB3-550	TIA16	16H07	AA016
20A	-			20SB3-550	TIA20	20H07	AA020
25A	-			25SB3-550	TIA25	25H07	AA025
32A	-			32SB3-550	TIA32	32H07	AA032
40A	-	73	A3	40SB4-550	TIS40	40K07	BA040
50A	-			50SB4-550	TIS50	50K07	BA050
63A	-			63SB4-550	TIS63	63K07	BA063
80A	-	94	A4	80SD5-550	TCP80	80L14	CE080
100A	-			100SD5-550	TCP100	100L14	CE0100
125A	-	94		125SD6-550	TFP125	125M14	DE0125
160A	-			160SD6-550	TFP160	160M14	DE0160
200A	-			200SD6-550	TFP200	200M14	DE0200

DIMENSIONS

FUSE LINK TYPE	A MAX. mm	B MAX. mm	D MAX. mm	E mm	F mm	G NOM. mm	H mm	J mm
SA2-550	36	14	55	11	0.8	44.5	4.8	-
SB3-550 SB4-550	56	21	86	9	1.2	73	5.5	7.5
SD5-550	62	36	110	19	2.4	94	8.7	-
SD6-550	77	41	110	19	2.4	94	8.7	10.3



SB3, SB4,
SD6, types
only



415V INDUSTRIAL FUSELINKS

S-Type compact industrial bolted pattern fuselinks with centre contacts. ASTA 20 Certified or tested to BS EN 60269-1 (BS88: Part 1) or BS88: Part 2 for a breaking capacity of 80 kA at 415V a.c.

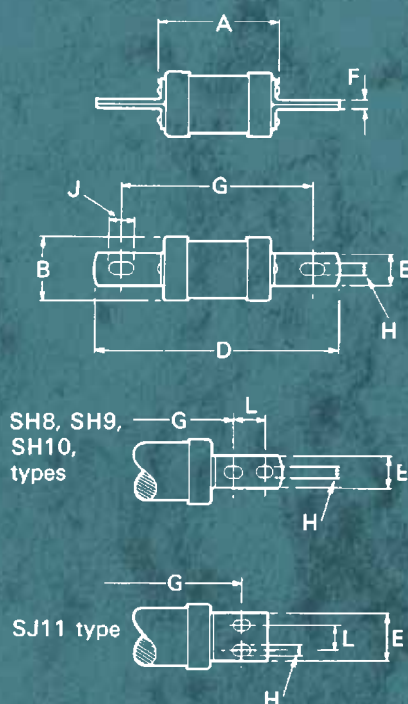
RATING Ie NORMAL	MOTOR	FIXING CENTRES mm	BS88 REF	LIST NO.	DIMENSIONAL EQUIVALENTS		
					GEC/LAWSON	BRUSH/HAWKER	BUSSMANN/DORMAN
2A	-	97	-	2SE3	TB2	2K08	AC2
4A	-			4SE3	TB4	4K08	AC4
6A	-			6SE3	TB6	6K08	AC6
10A	-			10SE3	TB10	10K08	AC10
16A	-			16SE3	TB16	16K08	AC16
20A	-			20SE3	TB20	20K08	AC20
25A	-			25SE3	TB25	25K08	AC25
32A	-			32SE3	TB32	32K08	AC32
2A	-	111	-	2SF3	TBC2	2K09	AD2
4A	-			4SF3	TBC4	4K09	AD4
6A	-			6SF3	TBC6	6K09	AD6
10A	-			10SF3	TBC10	10K09	AD10
16A	-			16SF3	TBC16	16K09	AD16
20A	-			20SF3	TBC20	20K09	AD20
25A	-			25SF3	TBC25	25K09	AD25
32A	-			32SF3	TBC32	32K09	AD32
40A	-	97	-	40SE4	TB40	40K08	BC40
50A	-			50SE4	TB50	50K08	BC50
63A	-			63SE4	TB63	63K08	BC63
63A	80A	97	-	63SE4M80	-	-	-
63A	100A			63SE4M100	-	-	-
40A	-	111	B1	40SF4	TBC40	40K09	BD40
50A	-			50SF4	TBC50	50K09	BD50
63A	-			63SF4	TBC63	63K09	BD63
63A	80A	111	B1	63SF4M80	-	-	-
63A	100A			63SF4M100	-	-	-
80A	-	111	B1	80SF5	TC80	80L09	CD80
100A	-			100SF5	TC100	100L09	CD100
100A	125A			100SF5M125	TC100M125	100M125L09	CD100M125
100A	160A			100SF5M160	TC100M160	100M160L09	CD100M160
100A	200A			100SF5M200	TC100M200	100M200L09	CD100M200
125A	-	111	B2	125SF6	TF125	125M09	DD125
160A	-			160SF6	TF160	160M09	DD160
200A	-			200SF6	TF200	200M09	DD200
200A	250A			200SF6M250	TF200M250	200M250M09	DD200M250
200A	315A			200SF6M315	-	-	-
250A	-	111	B3	250SF7	TKF250	250N09	ED250
315A	-			315SF7	TKF315	315N09	ED315
315A	400A			315SF7M400	-	-	-
250A	-	133	-	250SG7	TKM250	250N11	EF5250
315A	-			315SG7	TKM315	315N11	EF5315
355A	-			355SF8	TMF355	355P09	ED355
400A	-	111	B4	400SF8	TMF400	400P09	ED400
400A	500A			400SF8M500	TMF400M500	-	ED400M500
355A	-	133/ 184	C1	355SH8	TM355	355P11	EF355
400A	-			400SH8	TM400	400P11	EF400
450A	-			450SF9	3T450	-	-
500A	-	-	-	500SF9	3T500	-	-
560A	-			560SF9	3T560	-	-
630A	-			630SF9	3T630	-	-
450A	-	133/ 184	C2	450SH9	TTM450	450R11	FF450
500A	-			500SH9	TTM500	500R11	FF500
560A	-			560SH9	TTM560	560R11	FF560
630A	-			630SH9	TTM630	630R11	FF630
450A	-	165/229	-	450SY9	TT450	450R12	FG450
500A	-			500SY9	TT500	500R12	FG500
560A	-			560SY9	TT560	560R12	GG560
630A	-			630SY9	TT630	630R12	GG630
710A	-	133/ 184	C3	710SH10	TLM710	700S11	GF710
800A	-			800SH10	TLM800	800S11	GF800
710A	-	165/229	-	710SY10	TLT710	700S12	GG700
800A	-			800SY10	TLT800	800S12	GG800
1000A	-	149	D1	1000SJ11	TXU1000	1000U44	GH1000
1250A	-			1250SJ11	TXU1250	1250U44	GH1250



PARAMOUNT HRC CARTRIDGE FUSELINKS & FUSE UNITS

415V INDUSTRIAL FUSELINKS – DIMENSIONS

DIMENSIONS



FUSE LINK TYPE	A MAX. mm	B MAX. mm	D MAX. mm	E mm	F mm	G NOM. mm	H mm	J mm	L mm
SE3	57	21	116	13	1.6	97	7.2	11	-
SF3	57	21	136	16	2.0	111	8.7	16	-
SE4	57	21	116	13	1.6	97	7.2	11	-
SF4	57	21	136	16	2.0	111	8.7	16	-
SE4M	57	26	116	13	1.6	97	7.2	11	-
SF4M	58	26	136	16	3.2	111	8.7	16	-
SF5	48	27	134	16	3.2	111	9	12.5	-
SF5M	48	30	137	19	3.2	111	9	12.5	-
SF6	48	30	137	19	3.2	111	9	12.5	-
SF6M	48	40	137	19	3.2	111	9	12.5	-
SF7	48	40	137	19	3.2	111	9	12.5	-
SF7M	51	40	138	25	5.0	111	9	12.5	-
SG7	48	40	159	19	3.2	133	10.5	14	-
SF8	51	40	138	25	5.0	111	9	12.5	-
SF8M	59	53	138	25	6.3	111	9	18	-
SH8	51	40	211	25	5.0	133	10.5	14	25.4
SF9 (450-500A)	59	53	138	25	6.3	111	9	18	-
SF9 (560-630A)	59	63	138	25	6.3	111	9	18	-
SH9 (450-500A)	59	53	212	25	6.3	133	10.5	14	25.4
SH9 (560-630A)	59	63	212	25	6.3	133	10.5	14	25.4
SY9	59	63	266	38	6.4	165	10	16	32
SH10	57	63	212	25	10	133	10.5	14	25.4
SY10	59	63	267	38	10	165	10	16	32
SJ11	83	100	198	63.5	9.5	149	14.3	19	32

550V INDUSTRIAL FUSELINKS

S-Type industrial bolted pattern fuselinks with centre contacts. ASTA 20 Certified or tested to BS EN 60269-1 (BS88: Part 1) or BS88: Part 2 for a breaking capacity of 80 kA at 550V a.c.



RATING Ie NORMAL	MOTOR	FIXING CENTRES	BS88 REF	LIST NO.	DIMENSIONAL EQUIVALENTS		
					GEC/LAWSON	BRUSH/HAWKER	BUSSMANN/DORMAN
80A	-	111	B1	80SF5-550	TC80	80L09	CD80
100A	-	111	B2	100SF5-550	TC100	100L09	CD100
125A	-			125SF6-550	TF125	125M09	DD125
160A	-			160SF6-550	TF160	160M09	DD160
200A	-			200SF6-550	TF200	200M09	DD200
250A	-	111	B3	250SF7-550	TKF250	250N09	ED250
315A	-			315SF7-550	TKF315	315N09	ED315
250A	-	133	-	250SG7-550	TKM250	250N11	EF3250
315A	-			315SG7-550	TKM315	315N11	EF3315
355A	-	111	B4	355SF8-550	TMF355	355P09	ED355
400A	-			400SF8-550	TMF400	400P09	ED400
355A	-	133/184	C1	355SH8-550	TM355	355P11	EF355
400A	-			400SH8-550	TM400	400P11	EF400
450A	-	133/184	C2	450SH9-550	TTM450	450R11	FF450
500A	-			500SH9-550	TTM500	500R11	FF500
560A	-			560SH9-550	TTM560	560R11	GF550
630A	-			630SH9-550	TTM630	630R11	GF630
710A	-	133/184	C3	710SH10-550	TLM710	700S11	GF700
800A	-			800SH10-550	TLM800	800S11	GF800

DIMENSIONS

LIST NO.	A MAX. mm	B MAX. mm	D MAX. mm	E mm	F mm	G NOM. mm	H mm	J mm	L mm
SF5-550	66	36	134	19	3.6	111	8.7	16	-
SF6-550	76	41	136	19	3.6	111	8.7	16	-
SF7-550	75	51	137	26	4	111	8.7	16	-
SG7-550	75	51	159	26	4	133	10	16	-
SF8-550	81	59	136	26	5.2	111	8.7	16	-
SH8-550	81	59	210	26	5.2	133	10	16	25
SH9-550	82	74	210	26	6.4	133	10	16	25
SY9-550	82	74	266	38	6.4	165	10	16	32
SH10-550	84	83	210	26	10	133	10	16	25
SY10-550	84	83	267	38	10	165	10	16	32

SN TYPE OFFSET BLADE FUSELINKS

ASTA 20 Certified or tested to BS EN 60269-1 (BS88: Part 1) and BS88: Part 6 for a breaking capacity of 80 kA at 415V a.c. For use in industrial and commercial installations.

RATING Ie NORMAL MTR	OVERALL LENGTH mm	OVERALL DIA. mm	LIST NO.	EQUIVALENTS		
				GEC/LAWSON	BRUSH/HAWKER	BUSSMANN/DORMAN
2A	-	60	25N2	NS2	2F06	NSD2
4A	-		45N2	NS4	4F06	NSD4
6A	-		65N2	NS6	6F06	NSD6
10A	-		105N2	NS10	10F06	NSD10
16A	-		165N2	NS16	16F06	NSD16
20A	-		205N2	NS20	20F06	NSD20
20A	25A		205N2M25	NS20M25	20M25F06	NSD20M25
20A	32A		205N2M32	NS20M32	20M32F06	NSD20M32
25A	-		255N2	NS25	25F06	NSD25
32A	-		325N2	NS32	32F06	NSD32
32A	40A	58	325N2M40	NS32M40	-	NSD32M40
32A	50A		325N2M50	NS32M50	-	NSD32M50
32A	63A		325N2M63	NS32M63	-	NSD32M63
32A	-					

SP TYPE OFFSET BLADE FUSELINKS

ASTA 20 Certified to BS EN 60269-1 (BS88: Part 1) and BS88: Part 6 for a breaking capacity of 80 kA at 415V a.c. For use in industrial and commercial installations.

RATING Ie	OVERALL LENGTH mm	OVERALL DIA. mm	LIST NO.	EQUIVALENTS		
				GEC/LAWSON	BRUSH/HAWKER	BUSSMANN/DORMAN
16A	68	17	16SP	-	-	ESD16
20A			20SP	-	-	ESD20
25A			25SP	-	-	ESD25
32A			32SP	-	-	ESD32
40A			40SP	40ES	40G05	ESD40
50A			50SP	50ES	50G05	ESD50
63A			63SP	63ES	63G05	ESD63

R AND RL TYPE HOUSE SERVICE CUT-OUT FUSELINKS

Type Iia (R) and Iib (RL) house service cut-out fuselinks. ASTA 20 Certified or tested to BS1361 for a breaking capacity of 33 kA at 415V a.c.

For use in domestic and commercial installations mainly in supply authorities cut-outs.

RATING Ie	OVERALL LENGTH mm	OVERALL DIA. mm	LIST NO.	GEC	EQUIVALENTS	
					HAWKER/ BUSSMANN	DORMAN
15A	57	22.23	154R	RHF15	15KR85	-
20A			204R	RHF20	20KR85	-
30A			304R	RHF30	30KR85	RHD30
40A			404R	RHF40	40KR85	RHD40
45A			454R	-	45KR85	-
50A			504R	RHF50	50KR85	RHD50
60A			604R	RHF60	60KR85	RHD60
80A			804R	RHF80	80KR85	RHD80
100A			1004R	-	100KR85	-
30A	57	30	304RL	RHL30	30LR85	RHLD30
60A			604RL	RHL60	60LR85	RHLD60
80A			804RL	RHL80	80LR85	RHLD80
100A			1004RL	RHL100	100LR85	RHLD100

LC TYPE FUSELINKS

Type I domestic consumer unit fuselinks. Tested to BS1361 (or BS88: Part 1 for non-standard ratings) for a breaking capacity of 16.5 kA at 240V a.c.

For use in domestic and commercial installations mainly for lighting and heating circuits.

RATING Ie	OVERALL LENGTH mm	OVERALL DIA. mm	COLOUR CODE	LIST NO.	CARTON QTY.	EQUIVALENTS	
						GEC	DORMAN
5A	23	6.35	White	5LC	100	D55	DSD5
5A	26	10.32	Black	1505LC	50	-	-
6A	29	12.70	Black	3006LC	20	-	-
10A	26	10.32	Black	1510LC	50	-	-
10A	29	12.70	Black	3010LC	50	-	-
15A	26	10.32	Blue	15LC	50	D1515	DSD15
16A	29	12.70	Black	3016LC	20	-	-
20A	26	10.32	Yellow	20LC	50	D1520	DSD20
20A	29	12.70	Black	3020LC	50	-	-
25A	29	12.70	Black	3025LC	20	-	-
30A	29	12.70	Red	30LC	50	D3030	DSD30
35A	35	16.67	Black	35LCS	10	-	-
40A	35	16.67	Black	40LCS	10	-	-
45A	35	16.67	Green	45LCS	10	D4545	DSD45



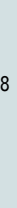
PARAMOUNT HRC CARTRIDGE FUSELINKS & FUSE UNITS



LS TYPE STREET LIGHTING FUSELINKS

ASTA 20 Certified to BS EN 60269-1 (BS88: Part 1) for a breaking capacity of 50 kA at 240V a.c. Also complies with BS7654.

For use in street lighting cut-outs.

RATING I _e	FIXING	OVERALL LENGTH mm	OVERALL DIA. mm	LIST NO.	EQUIVALENTS*			
	CENTRES mm				GEC	BRUSH	DORMAN/ BUSSMANN	
LS-Type, offset contacts		38	49	14				
2A					2LS	LST2	2D19L	STD2
4A					4LS	LST4	4D19L	STD4
6A					6LS	LST6	6D19L	STD6
10A					10LS	LST10	10D19L	STD10
16A					16LS	LST16	16D19L	STD16
20A					20LS	LST20	20D19L	STD20
25A					25LS	LST25	25D19L	STD25
32A		32LS	LST32	32D19L	STD32			

SS TYPE OFFSET BLADE FUSELINKS

ASTA 20 Certified to BS EN 60269-1 (BS88: Part 1) and BS88: Part 6 for a breaking capacity of 50 kA at 240V a.c.

For use in industrial and commercial installations mainly for lighting and heating circuits.



RATING I _e	FIXING CENTRES mm	OVERALL LENGTH mm	OVERALL DIA. mm	LIST NO.	EQUIVALENTS*		
					GEC/ LAWSON	BRUSH	DORMAN/ BUSSMANN
2A	-	51	14	2SS	SS2	2D04	SSD2
4A				4SS	SS4	4D04	SSD4
6A				6SS	SS6	6D04	SSD6
10A				10SS	SS10	10D04	SSD10
16A				16SS	SS16	16D04	SSD15
20A				20SS	SS20	20D04	SSD20
25A				25SS	SS25	25D04	SSD25
32A				32SS	SS32	32D04	SSD32

DR TYPE GENERAL PURPOSE FUSELINKS

ASTA 20 Certified to BS EN 60269-1 (BS88: Part 1) for a breaking capacity of 80 kA at 415V a.c. Also complies with BS7654.

For general purpose use in industrial and commercial installations.



RATING I _e	FIXING CENTRES mm	OVERALL LENGTH mm	OVERALL DIA. mm	LIST NO.	EQUIVALENTS*		
					GEC/ LAWSON	BRUSH	DORMAN/ BUSSMANN
2A	-	29	12.7	2DR	MD2	-	-
4A				4DR	MD4	-	-
6A				6DR	MD6	-	-
8A				8DR	MD8	-	-
10A				10DR	MD10	-	-
12A				12DR	-	-	-
16A				16DR	MD16	-	-
20A				20DR	MD20	-	-
25A				25DR	MD25	-	-
32A				32DR	MD32	-	-

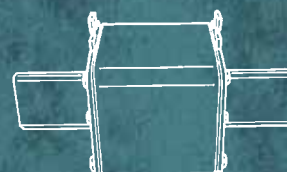
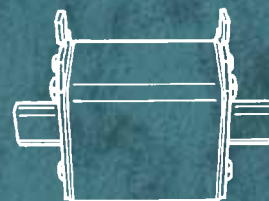
* Equivalent columns list fuselinks having similar ratings and fixing centres.

NH-TYPE DIN KNIFE BLADE FUSELINKS

Tested to IEC 60269-2-1 section 1 for a breaking capacity of 120 kA at 500V a.c. with dimensions also to DIN43620/1.

For use in industrial applications where European practice prevails.

	RATING Ie	LENGTH O/A mm	LIST NO.	COOPER BUSSMANN	EQUIVALENTS LEGRAND	GEC
SIZE 00C	6A	78.5	NHC006	NHC00B	-	-
	10A	78.5	NHC0010	NHC00B	-	NHG00C
	16A	78.5	NHC0016	NHC00B	-	NHG00C
	20A	78.5	NHC0020	NHC00B	-	NHG00C
	25A	78.5	NHC0025	NHC00B	-	NHG00C
	32A	78.5	NHC0032	NHC00B	-	NHG00C
	35A	78.5	NHC0035	NHC00B	-	NHG00C
	40A	78.5	NHC0040	NHC00B	-	NHG00C
	50A	78.5	NHC0050	NHC00B	-	NHG00C
	63A	78.5	NHC0063	NHC00B	-	NHG00C
	80A	78.5	NHC0080	NHC00B	-	NHG00C
	100A	78.5	NHC00100	NHC00B	-	NHG00C
SIZE 00	125A	78.5	NH00125	NH00B	163	NHG00
	160A	78.5	NH00160	NH00B	163	NHG00
SIZE 1	25A	133.0	NH0125	NH1B	173	NHG1
	35A	133.0	NH0135	NH1B	173	NHG1
	50A	133.0	NH0150	NH1B	173	NHG1
	63A	133.0	NH0163	NH1B	173	NHG1
	80A	133.0	NH0180	NH1B	173	NHG1
	100A	133.0	NH01100	NH1B	173	NHG1
	125A	133.0	NH01125	NH1B	173	NHG1
	160A	133.0	NH01160	NH1B	173	NHG1
	200A	133.0	NH01200	NH1B	173	NHG1
	224A	133.0	NH01224	NH1B	173	NHG1
	250A	133.0	NH01250	NH1B	173	NHG1
SIZE 2	25A	148.0	NH0225	NH2B	178	NHG2
	35A	148.0	NH0235	NH2B	178	NHG2
	50A	148.0	NH0250	NH2B	178	NHG2
	63A	148.0	NH0263	NH2B	178	NHG2
	80A	148.0	NH0280	NH2B	178	NHG2
	100A	148.0	NH02100	NH2B	178	NHG2
	125A	148.0	NH02125	NH2B	178	NHG2
	160A	148.0	NH02160	NH2B	178	NHG2
	200A	148.0	NH02200	NH2B	178	NHG2
	224A	148.0	NH02224	NH2B	178	NHG2
	250A	148.0	NH02250	NH2B	178	NHG2
	315A	148.0	NH02315	NH2B	178	NHG2
	355A	148.0	NH02355	NH2B	178	NHG2
	400A	148.0	NH02400	NH2B	178	NHG2
SIZE 3	315A	150.0	NH03315	NH3B	181	NHG3
	355A	150.0	NH03355	NH3B	181	NHG3
	400A	150.0	NH03400	NH3B	181	NHG3
	500A	150.0	NH03500	NH3B	181	NHG3
	630A	150.0	NH03630	NH3B	181	NHG3



Neutral links, handles and other ratings and dimensions of fuselinks for use on the L.V. distribution network are available - details on request.

Neutral Links: KS 00, KS 01, KS 02, KS 03. Handle: NHH

PARAMOUNT HRC CARTRIDGE FUSELINKS & FUSE UNITS

J-TYPE FEEDER PILLAR FUSELINKS

ASTA 20 Certified or tested to BS88: Part 5 for a breaking capacity of 80 kA at 415V a.c.

Available in standard 82mm and 92mm fixing centres up to 400A and 800A respectively for wedge tightening contacts. Also available in ferrule form up to 250A for pole mounted cut-outs.

For use by the Electricity Supply Industry in distribution systems.

Available with silver elements, details on request.

RATING Ie	FIXING CENTRES mm	LIST NO.	EQUIVALENTS						
			FLUVENT	LAWSON	SIBA	GEC	EMP	BUSSMANN/ BRUSH	DORMAN
63A	82	63JCS82	DL2-2	JPU	5002301	JP	2/EJA	MJ30	JPD
80A		80JCS82	DL2-2	JPU	5002301	JP	2/EJA	MJ30	JPD
100A		100JCS82	DL2-2	JPU	5002301	JP	2/EJA	MJ30	JPD
125A		125JCS82	DL2-2	JPU	5002301	JP	2/EJA	MJ30	JPD
160A		160JCS82	DL2-2	JPU	5002301	JP	2/EJA	MJ30	JPD
200A		200JCS82	DL2-2	JPU	5002301	JP	2/EJA	MJ30	JPD
250A		250JCS82	DL2-2	JPU	5002301	JP	2/EJA	MJ30	JPD
315A		315JCS82	DL2-2	JPU	5002301	JP	2/EJA	MJ30	JPD
355A		355JCS82	DL2-2	JPU	5002301	JP	2/EJA	PJ30	JPD
400A		400JCS82	DL2-2	JPU	5002301	JP	2/EJA	PJ30	JPD
63A	92	63JCS92	DL3-2	JSU	5002601	JS	3/EJB	MJ31	JSD
80A		80JCS92	DL3-2	JSU	5002601	JS	3/EJB	MJ31	JSD
100A		100JCS92	DL3-2	JSU	5002601	JS	3/EJB	MJ31	JSD
125A		125JCS92	DL3-2	JSU	5002601	JS	3/EJB	MJ31	JSD
160A		160JCS92	DL3-2	JSU	5002601	JS	3/EJB	MJ31	JSD
200A		200JCS92	DL3-2	JSU	5002601	JS	3/EJB	MJ31	JSD
250A		250JCS92	DL3-2	JSU	5002601	JS	3/EJB	MJ31	JSD
315A		315JSC92	DL3-2	JSU	5002601	JS	3/EJB	MJ31	JSD
355A		355JCS92	DL3-2	JSU	5002601	JS	3/EJB	PJ31	JSD
400A		400JCS92	DL3-2	JSU	5002601	JS	3/EJB	PJ31	JSD
450A		450JCS92	DL3-2	JSU	5002601	JS	3/EJB	RJ31	JSD
500A		500JCS92	DL3-2	JSU	5002601	JS	3/EJB	RJ31	JSD
560A		560JCS92	DL3-2	JSU	5002601	JS	3/EJB	SJ31	JSD
630A		630JCS92	DL3-2	JSU	5002601	JS	3/EJB	SJ31	JSD
710A		710JCS92	DL3-2	JSU	5002601	JS	3/EJB	SJ31	JSD
800A		800JCS92	DL3-2	JSU	5002601	JS	3/EJB	SJ31	JSD
Ferrule cap type									
63A		63JCF	-	JF	5005701	FHLA	-	MJ25	-
80A		80JCF	-	JF	5005701	FHLA	-	MJ25	-
100A		100JCF	-	JF	5005701	FHLA	-	MJ25	-
125A		125JCF	-	JF	5005701	FHLA	-	MJ25	-
160A		160JCF	-	JF	5005701	FHLA	-	MJ25	-
200A		200JCF	-	JF	5005701	FHLA	-	MJ25	-
250A		250JCF	-	JF	5005701	FHLA	-	MJ25	-



240V F TYPE SEMI-CONDUCTOR PROTECTION FUSELINKS

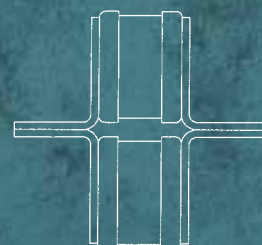
Tested to BS88: Part 4 and IEC 60269-4 for a breaking capacity of 100 kA at 240V a.c.

For the protection of semi-conductor devices requiring high speed protection from faults.

RATING Ie	FIXING CENTRES mm	LIST NO.	BUSSMANN	GEC	INTERNATIONAL RECTIRIER	DORMAN	FERRAZ	SIBA
6	37	6FMA	6LCT	GSA5	A350-5	DSA5	2.5URE 10/6	50-076-06/5
10	37	10FMA	10LCT	GSA10	A350-10	DSA10	2.5URE 10/10	50-076-06/10
12	37	12FMA	12LCT	-	A350-12	DSA12	2.5URE 10/12	-
16	37	16FMA	16LCT	GSA15	A350-16	DSA16	2.5URE 10/15	50-076-06/16
20	37	20FMA	20LCT	GSA20	A350-20	DSA20	2.5URE 10/20	50-076-06/20
7	40.4	7FNA	7LET	-	L350-7	DSL7	2.5URGS 17/7	50-053-06/7
10	40.4	10FNA	10LET	-	L350-10	DSL10	2.5URGS 17/10	50-053-06/10
12	40.4	12FNA	12LET	-	L350-12	DSL12	2.5URGS 17/12	-
16	40.4	16FNA	16LET	-	L350-16	DSL16	2.5URGS 17/16	50-053-06/16
20	40.4	20FNA	20LET	-	L350-20	DSL20	2.5URGS 17/20	50-053-06/20
25	40.4	25FNA	25LET	GSA25	L350-25	DSL25	2.5URGS 17/25	50-053-06/25
32	40.4	32FNA	32LET	-	L350-32	DSL32	2.5URGS 17/32	50-053-06/32
35	40.4	35FNA	35LET	GSA35	L350-35	DSL35	2.5URGS 17/35	50-053-06/35
50	40.4	50FNA	50LET	GSA50	L350-50	DSL50	2.5URGS 17/50	50-053-06/50
63	40.4	63FNA	63LET	-	L350-63	DSL63	2.5URGS 17/63	50-053-06/63
80	40.4	80FNA	80LET	-	L350-80	DSL80	2.5URGS 17/100	50-053-06/80
100	40.4	100FNA	100LET	GSA100	L350-100	DSL100	2.5URZ 17/125	50-053-06/100
125	40.4	125FNA	125LET	GSA125	L350-125	DSL125	2.5URZ 17/160	50-053-06/125
160	40.4	160FNA	160LET	GSA160	L350-160	DSL160	2.5URZ 17/180	50-053-06/160
180	40.4	180FNA	180LET	-	L350-175	DSL180	2.5URZ 17/150	50-053-06/180
160	56.9	160FPA	160LMT	GSA150	T350-150	DST160	2.5URGG 36/200	50-054-06/150
200	56.9	200FPA	200LMT	GSA200	T350-200	DST200	2.5URGG 36/250	50-054-06/200
250	56.9	250FPA	250LMT	GSA250	T350-250	DST250	2.5URGG 36/300	50-054-06/250
315	56.9	315FPA	315LMT	GSD315	T350-315	DST315	2.5URGG 36/315	50-054-06/315
355	56.9	355FPA	355LMT	GSD355	T350-350	DST355	2.5URGG 36/350	50-054-06/350
400	56.9	400FPA	400LMT	-	T350-2400	DST400	2.5URGG 36/400	50-054-06/400
450	56.9	450FPA	450LMT	-	T350-450	DST450	2.5URGG 36/450	-
400	56.9	400FPA2	400LMMT	-	TT350-400	DSTT400	2.5URGH 236/400	50-072-06/400
500	56.9	500FPA2	500LMMT	GSA500	TT350-500	DSTT500	2.5URGH 236/500	50-072-06/500
630	56.9	630FPA2	630LMMT	GSA630	TT350-630	DSTT630	2.5URGH 236/600	50-072-06/630
710	56.9	710FPA2	710LMMT	GSD710	TT350-710	DST710	2.5URGH 236/700	50-072-06/710
800	56.9	800FPA2	800LMMT	-	TT350-800	DSTT800	2.5URGH 236/800	50-072-06/800
900	56.9	900FPA2	900LMMT	-	TT350-900	DSTT900	2.5URGH 236/900	50-072-06/900

DIMENSIONS (MM)

FUSELINKS TYPE	OVERALL LENGTH	BODY LENGTH	BODY DIAMETER	TAG WIDTH	TAG THICKNESS	DETAIL IF MULTI BARREL
FMA	45.6	28	10.3	6.40	0.80	
FNA	55.6	25.5	18	12.70	2	
FPA	82	32	37.3	25	2.5	
FPA2	82	32	37.3	25	5	TWO BODIES BACK TO BACK

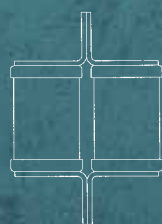
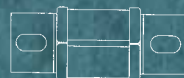
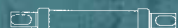


PARAMOUNT HRC CARTRIDGE FUSELINKS & FUSE UNITS

660V F TYPE SEMI-CONDUCTOR PROTECTION FUSELINKS

Tested to BS88: Part 4 and IEC 60269-4 for a breaking capacity of 200 kA at 660V a.c.

For the protection of semi-conductor devices requiring high speed protection from faults.



CURRENT RATING	FIXING CENTRES mm	LIST NO.	GEC	GEC	BUSSMANN	INTERNATIONAL RECTIFIER	DORMAN	FERRAZ	SIBA
6	64	6FSB	GSB5	-	6CT	B1000-5	DSB5	6.6URE 10/6	50-077-06/5
10	64	10FSB	GSB10	-	10CT	B1000-10	DSB10	6.6URE 10/10	50-077-06/10
12	64	12FSB	-	-	12CT	B1000-12	DSB12	6.6URE 10/12	-
16	64	16FSB	GSB16	-	16CT	B1000-16	DSB16	6.6URE 10/15	50-077-06/16
20	64	20FSB	GSB20	-	20CT	B1000-20	DSB20	6.6URE 10/20	50-077-06/20
8	63.2	8FRB	-	-	8ET	E1000-8	DSG8	-	-
10	63.2	10FRB	-	-	10ET	E1000-10	DSG10	-	50-073-06/10
16	63.2	16FRB	-	GSGB16	15ET	E1000-15	DSG15	6.6URS 17/16	50-073-06/16
20	63.2	120FRB	-	-	20ET	E1000-20	DSG20	6.6URS 17/20	50-073-06/20
25	63.2	25FRB	GSB25	GSGB25	25ET	E1000-25	DSG25	6.6URS 17/25	50-073-06/25
32	63.2	32FRB	-	GSGB30	32ET	E1000-32	DSG32	6.6URS 17/32	50-073-06/32
35	63.2	35FRB	-	GSGB35	35ET	E1000-35	DSG35	6.6URS 17/35	50-073-06/35
40	63.2	40FRB	-	GSGB40	40ET	E1000-40	DSG40	6.6URS 17/40	50-073-06/40
45	63.2	45FRB	GSB45	GSGB45	45ET	E1000-45	DSG45	6.6URS 17/45	50-073-06/45
56	63.2	56FRB	-	GSGB55	56ET	E1000-56	DSG55	6.6URS 17/55	50-073-06/55
63	63.2	63FRB	-	GSGB63	63ET	E1000-63	DSG63	6.6URS 17/63	50-073-06/63
80	63.2	80FRB	GSB80	GSGB80	80ET	E1000-80	DSG80	6.6URS 17/80	50-073-06/80
65	69.2	65FTB2	-	-	63EET	EE1000-65	DSGG65	6.6URT 217/65	-
75	69.2	75FTB2	-	GSGB75	75EET	EE1000-75	DSGG75	6.6URT 217/75	-
90	69.2	90FTB2	-	GSGB75	90EET	EE1000-90	DSGG90	6.6URT 217/90	-
110	69.2	110FTB2	-	GSGB110	110EET	EE1000-110	DSGG110	6.6URT 217/110	-
140	69.2	140FTB2	-	GSGB150	140EET	EE1000-140	DSGG140	6.6URT 217/140	-
160	69.2	160FTB2	-	GSGB160	160EET	EE1000-160	DSGG160	6.6URT 217/160	-
160	84.9	160FUB	GSB100	-	160MT	M1000-160	DSM160	6.6URGL 36/50	50-074-06/150
180	84.9	180FUB	-	GSGB170	180MT	M1000-180	DSM180	6.6URGL 36/180	50-074-06/180
200	84.9	200FUB	GSB200	GSGB200	200MT	M1000-200	DSM200	6.6URGL 36/200	50-074-06/200
250	84.9	250FUB	GSB250	GSGB250	250MT	M1000-250	DSM250	6.6URGL 36/250	50-074-06/250
280	84.9	280FUB	-	-	280MT	-	DSM280	6.6URGL 36/280	50-074-06/280
315	84.9	315FUB	-	-	315MT	M1000-315	DSM315	6.6URGL 36/315	50-074-06/315
355	84.9	355FUB	-	-	355MT	M1000-355	DSM355	6.6URGL 36/355	50-074-06/355
180	84.9	180FUB2	-	GSGB175	180MMT	MM1000-180	DSMM180	6.6URGM 236/175	50-075-06/180
200	84.9	200FUB2	-	GSGB200	200MMT	MM1000-235	DSMM225	6.6URGM 236/200	50-075-06/200
225	84.9	225FUB2	-	GSGB235	225MMT	MM1000-225	DSMM225	6.6URR 236/235	50-075-06/225
280	84.9	280FUB2	-	-	280MMT	-	DSMM280	6.6URGM 236/300	50-075-06/280
315	84.9	315FUB2	GSB300	GSGB300	315MMT	MM1000-315	DSMM315	6.6URGM 236/325	50-075-06/300
355	84.9	355FUB2	-	GSGB350	355MMT	MM1000-355	DSMM355	6.6URGM 236/355	50-075-06/350
400	84.9	400FUB2	GSB400	GSGB400	400MMT	MM1000-400	DSMM400	6.6URU 246/400	50-075-06/400
450	84.9	450FUB2	-	GSGB450	450MMT	MM1000-450	DSMM450	6.6URGM 236/450	50-075-06/450
500	84.9	500FUB2	GSB500	GSGB500	500MMT	MM1000-500	DSMM500	6.6URGM 236/500	50-075-06/500
560	84.9	560FUB2	-	-	560MMT	MM1000-560	DSMM560	-	-
630	84.9	630FUB2	-	-	630MMT	MM1000-630	DSMM630	6.6URGM 236/630	50-075-06/630
710	84.9	710FUB2	-	-	710MMT	MM1000-710	DSMM710	6.6URGM 236/710	50-075-06/710

FUSELINKS TYPE	OVERALL LENGTH	BODY LENGTH	BODY DIAMETER	TAG WIDTH	TAG THICKNESS	DETAIL IF MULTI BARREL
FSB	72.6	50.8	10.3	6.4	0.8	
FRB	77.2	47.2	18	12.7	2	
FTB2	90.2	46.2	18	30	1.5	TWO BODIES SIDE BY SIDE
FUB	110	60	37.3	25	2.5	
FUB2	110	60	37.3	25	5	TWO BODIES BACK TO BACK

FUSE CARRIERS AND BASES, REWIRABLE AND HRC TYPES

Types MBA and MBB fuse bases, type MRH rewirable fuse carriers and 100A HRC fuse carriers (List No. 100 SCHF) are manufactured from high grade vitreous porcelain.

HRC fuse carriers up to and including 100A (List Nos. 2 SCHF, 3 SCHF, 6 SCHF, 10 SCHF) comprise black track-resistant mouldings.

HRC and rewirable pattern carriers of the same rating are interchangeable.

Fuse bases are available in two types:

Type A - providing for busbar connection at one end and cable termination at the other.

Type B - providing for cable connection at both ends.

Terminal capacities for Type A and Type B bases:- 20A 6mm², 32A 10mm², 63A 35mm², 100A 70mm².

Rewirable fuse carriers are of the semi-enclosed type, and when fitted in Eaton MEM enclosures comply with the following 415/250V Categories of duty of BS 3036: 1958.

20, 32 and 63A - Category S2A.

100A - Category S4A.

100A fuse units may be fitted with SB3, SB4 or S0 fuselinks having 73mm fixing centres if used with adaptor List No. 100 MFLK HRC fuse carriers are designed for standard offset contact fuse links to BS88: Part 2 and are suitable for systems up to 660V.

All performance tests have been carried out using Eaton MEM BS 88 Fuselinks.

The exclusive use of Eaton MEM Fuselinks will extend the warranty period to 3 years.

HRC fuse carriers and bases comply with the requirements of Lloyds Register of Shipping and are included in Schedules A and B of their List of Approved Fuses.

FUSE CARRIERS

NOMINAL RATING I _e	LIST NO. REWIRABLE	LIST NO. HRC	MEM HRC FUSES FITTED
10A	15 MRH2★	1 SCHF★★	10SA2
20A	15 MRH2★	2 SCHF★★	20SA2
32A	32 MRH2★	3 SCHF★★	32SB3
63A	63 MRH2★	6 SCHF★★	63SB4
100A	100 MRH2★	10 SCHF★★	100SD5
		100 SCHF★	

★Porcelain ★★Moulded

DIMENSIONS

NOMINAL RATING I _e	A mm	B mm	C1 mm	C2 mm	D mm	E mm	F mm
20A	75	29	56	52	*	68	4.8
32A	106	35	60	68	41	105	5.2
63A	132	46	86	90	41	129	5.6
100A	165	60	116	121	57	162	6.8

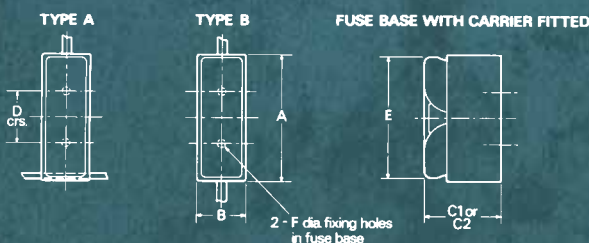
*20A fuses have a single fixing hole on the centre line.

C1 applies to base fitted with rewirable carrier, C2 to base fitted with HRC carrier.



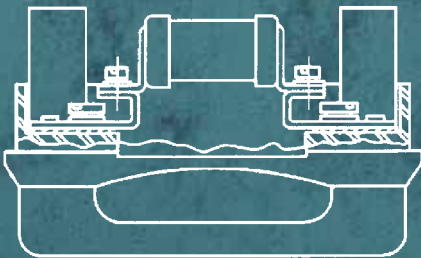
FUSE BASES

NOMINAL RATING I _e	LIST NO. TYPE A	LIST NO. TYPE B
20A	15 MBA2	15 MBB2
32A	32 MBA2	32 MBB2
63A	63 MBA2	63 MBB2
100A	100 MBA2	100 MBB2



PARAMOUNT HRC CARTRIDGE FUSELINKS & FUSE UNITS

MOULDED HRC FUSE UNITS, BOLT-IN AND CLIP-IN TYPES



SPECIFICATION

A range of moulded HRC fuse units designed to accept bolt-in and clip-in HRC fuselinks.

Each unit is fully shrouded to prevent accidental contact with live parts when inserting or withdrawing a carrier and once the carrier has been removed completely.

The carrier and base mouldings are manufactured from high quality thermosetting material finished in black. Other colours are available.

Units accepting bolt-in HRC fuselinks are available in ratings of 20, 32, 63, 100 and 200A and can be supplied in front connected, front/busbar connected, front/back connected and back connected versions.

They are designed to comply with BS88: Part 2, 1988 and are suitable for systems up to 660V. Suitable HRC fuselinks are also to BS88: Part 2: 1988. A full range of neutral links is available.

The exclusive use of Eaton MEM Fuselinks will extend the warranty period to 3 years.

Those units which accept the clip-in fuselinks are rated at 32A and 63A, 415V. Each in a front connected and front/back connected version, with a 32A back/back type also available. Also suitable for DIN-rail mounting.

They comply with BS88: Part 1: 1988 and accept clip-in HRC fuselinks to the same standard.

Clip-in type units allow fuselinks to be replaced very simply - no tools are required. Fuselinks are removed from the carrier using side pressure on the fuselink end tags while replacement involves a simple push fit only. Neutral links are available.

Terminal capacities:

20A 6mm², 32A 16mm², 63A 35mm², 100A 70mm², 200A 150mm².

Fuse units are available in four types:

Type A - providing for busbar connection at one end and cable termination at the other.

Type B - providing for cable connection at each end.

Type C - with back connecting studs.

Type D - providing for cable connection at one end with back connecting stud at the other.

Fuse units have been ASTA certified for type tests to BS88: Part 2 and are suitable for systems up to 660V.

Fuse units comply with the requirements of Lloyds Register of Shipping and are included in schedule A of their List of Approved Fuses.

100A fuse units may be fitted with SB3, SB4 or S0 fuselinks having 73mm fixing centres if used with adaptor 100MFLK.

COMPLETE FUSE UNITS (CARRIERS AND BASES)

NOMINAL RATING I _e	COLOUR	LIST NO. ACCORDING TO TYPE OF CONNECTION							CLIP-IN TYPE		NEUTRAL LINK LIST NO. BOLT-IN CLIP-IN		SUITABLE MEM HRC FUSELINKS BOLT-IN CLIP-IN	
		BOLT-IN TYPE TYPE A FRONT/BUSBAR	TYPE B FRONT/FRONT	TYPE C BACK/BACK	TYPE D FRONT/BACK	FRONT/FRONT	FRONT/BACK	BACK/BACK	FRONT/BACK	BACK/BACK	BOLT-IN	CLIP-IN	BOLT-IN	CLIP-IN
20A	Black White	20MFA -	20MFB 20MFBW	20MFC 20MFCW	20MFD -	- -	- -	- -	- -	- -	20MLK	- -	2-20SA2 2-20SA2	- -
32A	Black White	32MFA -	32MFB 32MFBW	32MFC 32MFCW	32MFD -	32CFF 32CFFW	32CFB 32CFBW	32CBB 32CBBW	- -	- -	32MLK	32CLK 32CLK	2-32SB3 2-32SB3	2-32SN2 2-32SN2
63A	Black White	63MFA -	63MFB 63MFBW	63MFC 63MFCW	63MFD -	63CFF 63CFFW	63CFB 63CFBW	- -	- -	- -	63MLK	63CLK 63CLK	2-32SB3 35-63SB4 154-604R*	16-63SP
100A	Black White	100MFA -	100MFB 100MFBW	100MFC 100MFCW	100MFD -	- -	- -	- -	- -	- -	100MLK	- -	2-32SB3† 35-63SB4† 80-100S0† 80-100SD5	-
200A	Black White	200MFA -	200MFB 200MFBW	200MFC 200MFCW	200MFD -	- -	- -	- -	- -	- -	200MLK	- -	2-32SF3 40-63SF4 80-100SF5 125-200SF6	-

COMPACT RANGE

32A	Black White	32CMFA -	32CMFB 32CMFBW	32CMFC 32CMFCW	32CMFD -	- -	- -	- -	- -	- -	20MLK	- -	2-32SA2 2-32SA2	- -
63A	Black White	63CMFA -	63CMFB 63CMFBW	63CMFC 63CMFCW	63CMFD -	- -	- -	- -	- -	- -	32MLK	- -	2-32SB3 35-63SB4	- -
100A	Black White	100CMFA -	100CMFB 100CMFBW	100CMFC 100CMFCW	100CMFD -	- -	- -	- -	- -	- -	63MLK	- -	35-63SB4 80-100S0	- -
200A	Black White	200CMFA -	200CMFB 200CMFBW	200CMFC 200CMFCW	200CMFD -	- -	- -	- -	- -	- -	100MLK	- -	80-100SD5 125-200SD6	- -
315A	Black White	315CMFA -	315CMFB 315CMFBW	315CMFC 315CMFCW	315CMFD -	- -	- -	- -	- -	- -	200MLK	- -	125-200SF6 250-315SF7	- -

†SB3, SB4 or S0 fuselinks may be fitted if used with adaptor - **List No. 100MFLK**.

*R-Type (22.2mm dia.) ferrule cap fuselinks may be fitted if used with adaptor clips (set of 2) **List No. 63MFRCL**.

These adaptor clips are also suitable for 100A units if used together with **100MFLK**. Ferrule cap HRC Fuselinks (30.2mm dia.) to BS 1361: 1971, type IIb may be fitted to 100A units if used with adaptor clips (set of 2) **List No. 100MFRCL**.

Note: Carriers available for NH fuses - details on request. Memshield 2 fuse carrier range also available.

DIMENSIONS

NOMINAL RATING I _e	A	B	C	D	E	F	G	H	J	K	L	M	HOLE DIA. TO ACCEPT INSULATED STUD (TYPES C AND D)
	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm MIN
20A	87	79	27	50	63	56	6	5.5	-	-	-	-	12
32A	109	101	31	62	60	78	6	5.5	12.7	6.4	-	-	12
32A clip-in	75	-	25	57.7	40	-	6	5.5	-	-	4.4	28.5	12
63A	118	110	35	72	71	79	8	5.5	12.7	6.4	-	-	14.5
63A clip-in	88.7	-	31.5	66.34	71	-	8	5.5	-	-	4.8	31.6	14.5
100A	154	154	54	108	80	117	10	6.5	19	22	-	-	18.5
200A	193	193	70	149	89	138	12	7.0	38	57	-	-	24.5
COMPACT RANGE													
32A	87	79	27	50	63	56	6	5.5	-	-	-	-	12
63A	109	101	31	62	60	78	6	5.5	12.7	6.4	-	-	12
100A	118	110	35	72	71	79	8	5.5	12.7	6.4	-	-	14.5
200A	154	154	54	108	80	117	10	6.5	19	22	-	-	18.5
315A	193	193	70	149	89	138	12	7.0	38	57	-	-	24.5

