

Domestic Applications to BS1361 & BS1312

Consumer Unit Fuse Link 240V / 5 - 45 A

Specifications

Description: Cylindrical Fuse Links for domestic application according to BS1361

Ratings:

Volts: - 240V
Amps: - 5 - 45A
IR - 16.5kA

Applications: Protection of domestic distribution systems.

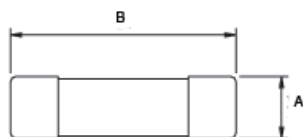
Agency Information: Approved to BS1361

Catalogue Numbers

Rating (A)	Catalogue Number	Colour Code	Unit Packing
5	C55	White	10
15	C1515	Blue	
20	C1520	Yellow	
30	C3030	Red	
45	C4545	Green	

BK (Part Number), Unit packing = 100

Dimensions



Catalogue Number	A	B
C55	5.35	23
C1515	10.2	26
C1520	10.32	26
C3030	12.7	29
C4545	16.67	35



Plug Top Fuse Links 240V / 1 - 13A

Specifications

Description: Cylindrical Fuse links for domestic applications according to BS1362, to be fitted into domestic BS1363 plug top to conform with the requirements of the Plug and Socket Safety Regulations 1995

Ratings:

Volts: - 240V
Amps: - 1 - 13A
IR - 6kA

Applications: protection of the cables connected to domestic equipment against overloads or small overcurrents.

Agency Information: BSI Kite Mark, ASTA accreditation (except 1A Fuse), BS1362

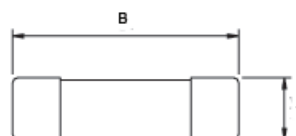
RoHS Compliant

Catalogue Numbers

Rating (A)	Catalogue Number	Colour Code	Unit Packing
1	C180-1A	Black	10
2	C180-2A	Black	
3	C180-3A	Red	
5	C180-5A	Black	
7	C180-7A	Black	
10	C180-10A	Black	
13	C180-13A	Black	

BK-(Part Number), Unit packing= 100

Dimensions



Catalogue Number	A	B
C180-RatingA	6.45	25.4



Industrial & Motor Applications to BS88

Offset Bolted Tags 240 - 550V ac / 2 - 32A

Specifications

Description: Fuse Links for general industrial applications with Q1 fusing factor - general purpose (gG) and motor protection (gM) characteristics

Applications: General Industrial & Motors applications

Ratings:

Volts: - 415 - 550V ac
Amps: - 2 - 32A
IR - 80kA @ 415/550V ac

Agency information: Meets BS88: Part 1 & 2 (1988), IEC 269: Parts 1 (1986)

RoHS Compliant

NITD 550V ac (gG) / 2 - 32A 415V ac (gM)

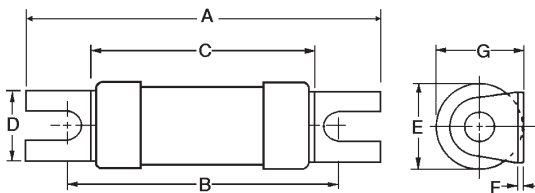


Catalogue Numbers

Rating (A)	Catalogue Number	Class	BS Ref	Fixing Centres mm	Unit Packing
2	NITD2	gG	A1	44	20
4	NITD4				
6	NITD6				
10	NITD10				
16	NITD16				
20	NITD20				
25	NITD25				
32	NITD32				
20M25	NITD20M25	gM			
20M32	NITD20M32				
32M40	NITD32M40				
32M50	NITD32M50				
32M63	NITD32M63				

Fuseholders: CAMASTER CM32FC, see page 19

Dimensions



Part No	Dimensions (mm)						
	A	B	C	D	E	F	G
NITD	55.0	44	34.6	11.2	13.8	0.8	14.0
NITD32M			35.6		17.5	1.2	18.5

AAO 550V ac / 2 - 32A

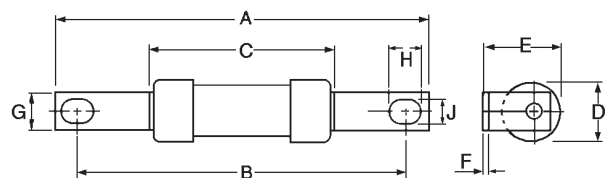


Catalogue Numbers

Rating (A)	Catalogue Number	Class	BS Ref	Fixing Centres mm	Unit Packing
2	AAO2	gG	A2	73	20
4	AAO4				
6	AAO6				
10	AAO10				
16	AAO16				
20	AAO20				
25	AAO25				
32	AAO32				
32M40	AAO32M40	gM			
32M50	AAO32M50				
32M63	AAO32M63				

Fuseholders: CAMASTER CM32F, see page 19

Dimensions



Part No	Dimensions (mm)								
	A	B	C	D	E	F	G	H	J
AAO	85	73	35.5	13.7	14	1.2	8.7	8.0	5.5
AAO32M			54.5	21	22.3				

Industrial & Motor Applications to BS88

Offset Bolted Tags (Cont.../...) 240-550V / 32 - 100A

Specifications

Description: Fuse Links for general industrial applications with Q1 fusing factor - general purpose (gG) and motor protection (gM) characteristics

Applications: General Industrial & Motors applications

Ratings:

Volts: - 415 - 550V ac
Amps: - 32 - 100A
IR - 80kA @ 415 / 550V ac

Agency information: Meets BS88: Part 1 & 2 (1988), IEC 269: Parts 1 (1986) and CSA C22.2 No 106-M 1985

RoHS Compliant

BAO 550V ac / 35-63A

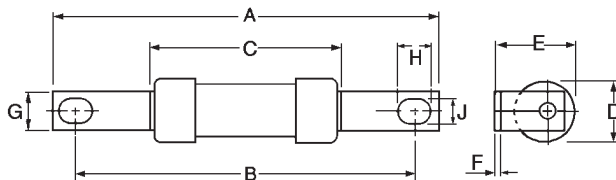


Catalogue Numbers

Rating (A)	Catalogue Number	Class	BS Ref	Fixing Centres mm	Unit Packing
35	BAO35	gG	A3	73	20
40	BAO40				
50	BAO50				
63	BAO63				
63M80	BAO63M80	gM			
63M100	BAO63M100				

Fuseholder: CAMASTER CM63F, see page 19

Dimensions



Part No	Dimensions (mm)								
	A	B	C	D	E	F	G	H	J
BAO BAO63M	87	73	54.5	21	22.5	1.2	12.7	8.0	5.5

Data Sheet: 4112

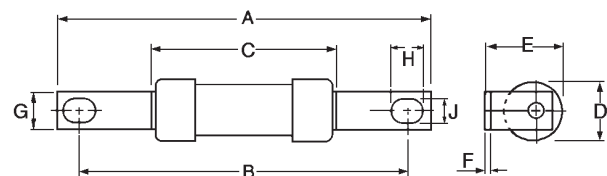
CEO 550V ac / 32-100A 415V ac (gM)



Catalogue Numbers

Rating (A)	Catalogue Number	Class	BS Ref	Fixing Centres mm	Unit Packing
32	CEO32	gG	A4	94	10
40	CEO40				
50	CEO50				
63	CEO63				
80	CEO80				
100	CEO100				
100M125	CEO100M125	gM			
100M160	CEO100M160				
100M200	CEO100M200				

Dimensions



Part No	Dimensions (mm)								
	A	B	C	D	E	F	G	H	J
CEO	110	94	58.5	21.0	24.5	3.2	14.3	11.0	8.7
CEO100M125 & 160				25.8	26.8				
CEO100M200			47.0	31	29.5		19.0	10.0	9.0

Data Sheet: 4115

Industrial & Motor Applications to BS88

Offset Bolted Tags (Cont.../...) 240 - 550V ac / 80 - 200A

Specifications

Description: Fuse Links for general industrial applications with Q1 fusing factor - general purpose (gG) and motor protection (gM) characteristics

Applications: General Industrial & Motors applications

Ratings:

Volts: - 415 - 550V ac
Amps: - 80 - 200A
IR - 80kA @ 415 / 550V ac

Agency information: Meets BS88: Part 1 & 2 (1988), IEC 269: Parts 1 (1986)

RoHS Compliant

OSD 550V ac (gG) / 80 - 100A 415V ac (gM)

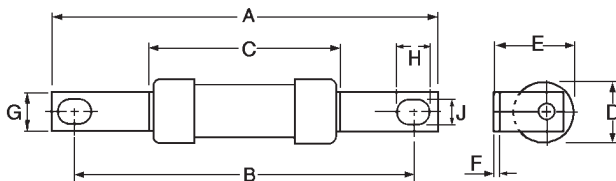


Catalogue Numbers

Rating (A)	Catalogue Number	Class	BS Ref	Fixing Centres mm	Unit Packing
80	OSD80	gG	N/A	73	20
100	OSD100				
100M125	OSD100M125	gM	N/A	73	20
100M160	OSD100M160				

Fuseholders: CAMASTER CM100F, see page 19

Dimensions



Part No	Dimensions (mm)								
	A	B	C	D	E	F	G	H	J
OSD	95.0	73	54.5	21.0	22.5	1.2	12.7	8.0	5.5
OSD100M				26.0	25.7				

Data Sheet: 4107

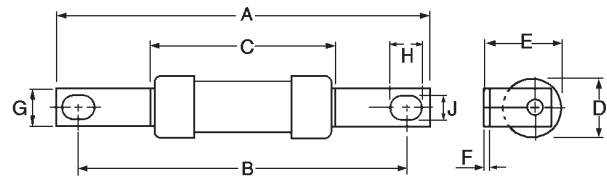
DEO 415V ac / 125 - 200A (gG) (gM)



Catalogue Numbers

Rating (A)	Catalogue Number	Class	BS Ref	Fixing Centres mm	Unit Packing
125	DEO125	gG	N/A	94	5
160	DEO160				
200	DEO200	gM	N/A	94	5
200M250	DEO200M250				
200M315	DEO200M315				

Dimensions



Part No	Dimensions (mm)								
	A	B	C	D	E	F	G	H	J
DEO	110	94	47.0	31.0	29.5	3.2	19.0	10.0	9.0
DEO200M									

Data Sheet: 4117

Industrial & Motor Applications to BS88

Centre Bolted Tags

415 - 550V ac / 2 - 1250A

250 400Vdc

Specifications

Description: Fuse Links for general industrial applications with Q1 fusing factor - general purpose (gG) and motor protection (gM) characteristics

Applications: General Industrial & Motors applications

AC / BC

550V ac / 2 - 63A

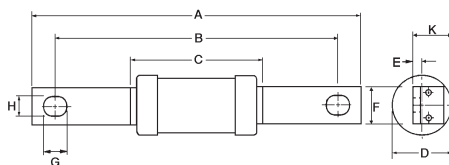
250 V dc (except gM)



Catalogue Numbers

Type	Rating (A)	Catalogue Number	Class	Fixing Centres mm	Unit Packing
AC	2	AC2	gG	97.5	20
	4	AC4			
	6	AC6			
	10	AC10			
	16	AC16			
	20	AC20			
	25	AC25			
	32	AC32			
BC	40	BC40	gG	97.5	20
	50	BC50			
	63	BC63			
	63M80	BC63M80	gM		
	63M100	BC63M100			

Dimensions



Ratings:

Volts: - 415 - 550V ac / 250V dc

Amps: - 2 - 1250A

IR - 40kA @ 250V dc GF, GG except 1000 & 1250A

- 40kA @ 400V dc FG, FF

- 80kA @ 415/550V ac

Agency information: Meets BS88: Part 1 & 2 (1988), IEC 269: Parts 1 (1986)

RoHS Compliant

AD / BD / CD / DD / ED

550V ac / 2 - 400A

415V ac (Types gM, DD, ED)

250 V dc (Types AD, BD)



Catalogue Numbers

Type	Rating (A)	Catalogue Number	Class	Ref BS	Fixing Centres mm	Unit Packing
AD	2	AD2	gG	N/A	111	20
	4	AD4				
	6	AD6				
	10	AD10				
	16	AD16				
	20	AD20				
	25	AD25				
	32	AD32				
BD	40	BD40	gG	N/A	111	20
	50	BD50				
	63	BD63				
CD	80	CD80	gG	B1	111	10
	100	CD100	gM			
	100M125	CD100M125				
	100M160	CD100M160				
	100M200	CD100M200				
DD	125	DD125	gG	B2	111	5
	160	DD160	gM			
	200	DD200				
	200M250	DD200M250				
	200M315	DD200M315				
ED	250	ED250	gG	B3/B4	111	1
	315	ED315				
	355	ED355				
	400	ED400				
	315M400	ED315M400	gM			
	400M500	ED400M500*				

*-550V ac

Part No	Dimensions								
	A	B	C	D	E	F	G	H	K
AC	113.5	97.5	55.5	21.0	1.6	12.7	13.5	7.0	11.2
AD	128.5	111	55.0	21.0	1.4	14.2	11.8	8.7	11.2
BC	113.5	97.5	55.0	21.0	1.6	7.0	13.5	12.7	11.2
BC63M									
BD	128.5	111	55.0	21.0	1.4	14.2	11.8	8.7	11.2
CD	126	111	58.5	21.0	3.2	14.3	11.1	8.7	19.5
CD100M125 & CD100M160				26.0					22.0
CD100M200				31.0					2.5
DD	136	111	47.0	31.0	3.2	19.0	12.5	9.0	22.5
DD200M									22.5
ED250									
ED315	136	111	50.0	38.0	4.7	25.4	12.5	9.0	31.0
ED315M4009.0									
ED400M500									
			75.0	59.0					

Data Sheets: AC: 4110 / BC: 4113 / AD: 4111 / BD: 4114 / CD: 4116 / DD: 4118 / ED: 4119

Industrial & Motor Applications to BS88

Centre Bolted Tags (Cont.../...)

415 - 550Vac / 2 - 1250A

250 - 400Vdc

Specifications

Description: Fuse Links for general industrial applications with Q1 fusing factor - general purpose (gG) and motor protection (gM) characteristics

Applications: General Industrial & Motors applications

EFS / EF / FF / GF

415V ac / 125 - 800A

550V ac (Types EF - gM, FF, FG, GF)

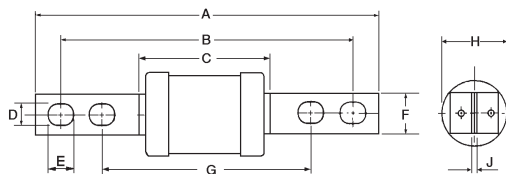
250V dc (Type GF)



Catalogue Numbers

Type	Rating (A)	Catalogue Number	Class	Ref BS	Fixing Centres mm	Unit Packing	Interrupting Rating
EFS	125	EFS125	gG	N/A	133	1	80kA @ 415 Vac
	160	EFS160					
	200	EFS200					
	250	EFS250					
	315	EFS315					
EF	355	EF355	gG	C1	133/184	1	80kA @ 415 Vac
	400	EF400					
	400M500	EF400M500	gM				
FF	450	FF400	gG	C2	133/184	1	80kA @ 415 Vac 40kA @ 400Vdc
	500	FF500					
	560	FF560					
	630	FF630					
GF	710	GF710	gG	C3	133/184	1	80kA @ 550Vac 40kA @ 250Vdc
	800	GF800					
	1000	GF1000					
	1250	GF1250					

Dimensions



Part No	Dimensions (mm)								
	A	B	C	D	E	F	G	H	J
EFS315	209	184	50.0	10.5	12.5	25.4	133	38.0	4.7
EF355 & 400					15.5			59.0	
EF400M500					15.5			59.0	
FF	210	184	77.5	10.5	15.5	25.4	133	74.0	6.4
FG	262	231	77.5	10.5	15.5	38.0	167	74	6.4
GF	210	184	80.5	10.5	15.5	25.4	133	83.0	9.5

Data Sheets: EFS: 4121 / EF: 4120 / FF: 4102 / GF: 4103

Ratings:

- Volts: - 415 - 550V ac / 250V dc
- Amps: - 2 - 1250A
- IR - 40kA @ 250V dc GF, GG except 1000 & 1250A
- 40kA @ 400V dc FG, FF
- 80kA @ 415/550V ac

Agency information: Meets BS88: Part 1 & 2 (1988), IEC 269: Parts 1 (1986)

RoHS Compliant

FG / GG / GH

550V ac / 450 - 1250A

250V dc (Type GG 710-800A only)

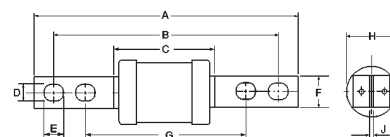
400V dc (Type FG)



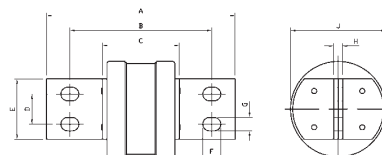
Catalogue Numbers

Type	Rating (A)	Catalogue Number	Class	Fixing Centres mm	Unit Packing	Interrupting Rating
FG	450	FG450	gG	167/231	1	80kA @ 550Vac 40kA @ 400Vdc
	500	FG500				
	560	FG560				
	630	FG630				
GG	710	GG710	gG	165/231	1	80kA @ 550Vdc 40kA @ 250Vdc
	800	GG800		165/228.5		80kA @ 550Vdc No DC Rating
	1000	GG1000				
	1250	GG1250				
GH	710	GH710	gG	149	1	80kA @ 550Vac
	800	GH800				
	1000	GH1000				
	1250	GH1250				

Dimensions



Part No	Dimensions (mm)								
	A	B	C	D	E	F	G	H	J
FG	262	231	77.5	10.5	15.5	38.0	167	74	6.4
GF	210	184	80.5	10.5	15.5	25.4	133	83.0	9.5
GG710 & 800	262	231	77.5	10.5	15.5	38.0	165	83.0	6.4
GG1000 & 1250		228.5	84.0					100	



Part No	Dimensions (mm)								
	A	B	C	D	E	F	G	H	J
GH710 & 800	198	149	81.0	32.0	63.5	19.0	14.0	9.5	83.0
GH1000 & 1250									100

Data Sheets: FG: 4122 / GG: 4104 / GH: 4108

Industrial & Motor Applications to BS88

Offset Blade Tags 240 - 550V / 2 - 63A

Specifications

Description: Fuse Links for general industrial applications with Q1 fusing factor - general purpose (gG) and motor protection (gM) characteristics.

Ratings:

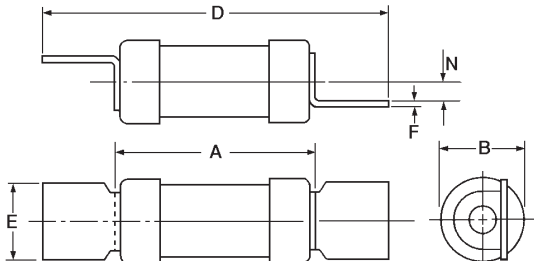
- Volts: - 240V ac (SSD)
- 415V ac (NSD gM) / ESD gG (40 - 63A)
- 550V ac (NSD gG) / ESD gG (2 - 32A)
- Amps: - 2 - 63A
IR - 33kA @ 240V ac
- 80kA @ 500V ac

Applications: General Industrial and Motors applications

Agency Information: Meets BS88: Part 6, 1988 and IEC 269: Parts 1, 1986

RoHS Compliant

Dimensions



Part No	Dimensions (mm)					
	A	B	D	E	F	N
SSD	23.0	12.0	47.0	13.0	0.8	3.2
NSD & NSD20M	34.5	13.8	58.5	12.7	0.8	3.5
NSD20M36 & NSD32M		17.5				
ESD - 32A	35.5	13.8	68.0	15.0	1.2	3.5
ESD40 - 63A		17.5				
ESD63M		21.0				

Catalogue Numbers

Rating (A)	Catalogue Number	Class	BS Reference	Fuseholder	Unit Packing
2	SSD2	gG	E1	N/A	20
4	SSD4				
6	SSD6				
10	SSD10				
16	SSD16				
20	SSD20				
32	SSD32				

Rating (A)	Catalogue Number	Class	BS Reference	Fuseholder	Unit Packing
2	NSD2	gR	F1	SAFELOC 32NNSF	20
4	NSD4				
6	NSD6				
10	NSD10				
16	NSD16				
20	NSD20				
32	NSD32				
20M25	NSD20M25	gM			
20M32	NSD20M32				
20M36	NSD20M36				
32M36	NSD32M36				
32M40	NSD32M40				
32M50	NSD32M50				
32M63	NSD32M63				

Rating (A)	Catalogue Number	Class	BS Reference	Fuse Holder	Unit Packing
2	ESD2	gG	F2	SAFELOC 63ENSF	20
4	ESD4				
6	ESD6				
10	ESD10				
16	ESD16				
20	ESD20				
32	ESD32				
40	ESD40				
50	ESD50				
63	ESD63				
63M80	ESD63M80	gM			
63M100	ESD63M100				

Point of Sale Stand

Merchandising Stand

Specifications

Description: Merchandising stand with BS88 fuses packed in packs of 3's or 10's

Stand dimensions: 1.88 Metre tall x 0.91 Metre wide x 0.51 Metre deep* (including hooks)



Please note this stand is for the UK market only

Catalogue Numbers

Part Number	Part Description	Pack Qty (Nb of fuses per pack)	Outer box Qty (MOQ)
M-AAO10	10A 550V BS88 Fuse	3	30
M-AAO16	16A 550V BS88 Fuse	3	30
M-AAO20	20A 550V BS88 Fuse	3	30
M-AAO25	25A 550V BS88 Fuse	3	30
M-AAO32	32A 550V BS88 Fuse	3	30
M-BAO40	40A 550V BS88 Fuse	3	30
M-BAO50	50A 550V BS88 Fuse	3	30
M-BAO63	63A 550V BS88 Fuse	3	30
M-CD100	100A 550V BS88 Fuse	3	30
M-CEO80	80A 550V BS88 Fuse	3	30
M-CEO100	100A 550V BS88 Fuse	3	30
M-NITD2	2A 550V BS88 Fuse	3	30
M-NITD10	10A 550V BS88 Fuse	3	30
M-NITD16	16A 550V BS88 Fuse	3	30
M-NITD20	20A 550V BS88 Fuse	3	30
M-NITD32	32A 550V BS88 Fuse	3	30
M-C180-3A	3A BS1362 Fuse	10	100
M-C180-5A	5A BS1362 Fuse	10	100
M-C180-13A	13A BS1362 Fuse	10	100
M-NSD4	4A 550V BS88 Fuse	3	30
M-NSD6	6A 550V BS88 Fuse	3	30
M-NSD10	10A 550V BS88 Fuse	3	30
M-NSD16	16A 550V BS88 Fuse	3	30
M-NSD20	20A 550V BS88 Fuse	3	30
M-NSD32	32A 550V BS88 Fuse	3	30
M-NITD6	6A 550V BS88 Fuse	3	30
M-STD6	6A 240V BS88 Fuse	3	30
M-STD10	10A 240V BS88 Fuse	3	30
M-32NNSF	32A Safeloc Fuseholder	1	5
M-63ENSF	63A Safeloc Fuseholder	1	5
M-CM20F	20A Camaster Fuseholder	1	5
M-CM32FC	32A Camaster Fuseholder Compact	1	5
M-CM32F	32A Camaster Fuseholder	1	5
M-CM63F	63A Camaster Fuseholder	1	5
M-CM100F	100A Camaster Fuseholder	1	5

Industrial Applications to BS88 - 500Vdc

Special DC Range Offset/Centre Bolted Tag 500Vdc / 10 - 63A

Specifications

Description: Fuse links for industrial DC applications available in offset and centre bolted tags

Ratings:

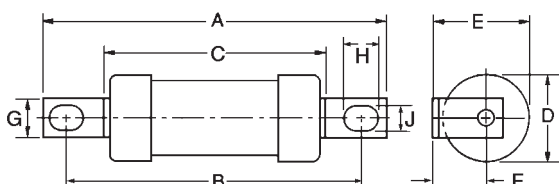
Volts: - 500V dc
Amps: - 10 - 63A
IR - 40kA @ 500V dc

Applications: Protection of DC electrical circuits

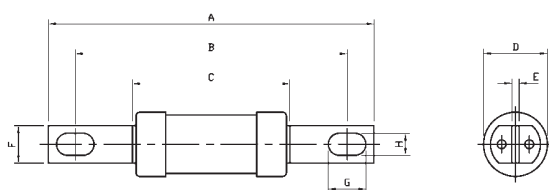
Agency information: ASTA approved to BS88 part 2

RoHS Compliant

Dimensions



Part No	Dimensions (mm)							
	A	B	C	D	F	G	H	J
HS07	86.0	73	54.0	22.0	0.8	9.2	8.0	5.0
KS07	91.0			27.0	1.2	13.0	10.5	



Part No	Dimensions (mm)							
	A	B	C	D	E	F	G	H
KS08	113.0	98	56.0	27.0	2.5	13.0	13.0	5.0
KS09	138.0	111				14.5	15.0	8.0

Catalogue Numbers

Rating (A)	Offset Bolted	Center fixings Centre Bolted		Unit Packing
	73mm	98mm	111mm	
10	10HS07	-	10KS09	20
16	16HS07	-	16KS09	
20	20HS07	-	20KS09	
25	25HS07	-	25KS09	
32	32HS07	-	32KS09	
40	40KS07	40KS08	40KS09	
50	50KS07	50KS08	50KS09	
63	63KS07	63KS08	63KS09	

Industrial Applications to BS88 - 660/690V

Offset Bolted Tags 660-690V / 2 - 200A

Specifications

Description: Fuse links for industrial applications at 660/690V that meets dimensional and performance requirements of BS88 and IEC 269-1-2 standards



Ratings:

- Volts: - 660 / 690V ac
 - 250V dc (2 - 63A)
 - 400V dc (80 - 200A)
- Amps: - 2 - 200A
 IR - 80kA @ 660V ac
 - 40kA @ 400V dc

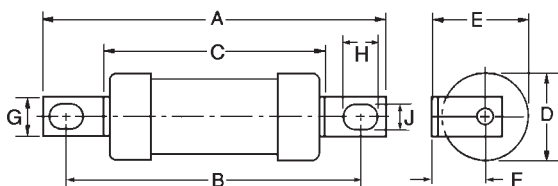
Applications: Protection of large industrial installations at 600/690Vac

Agency information: Meets BS88: Part 1 & 2 and IEC 269: Parts 1 & 2

RoHS Compliant

Catalogue Numbers

Rating (A)	Catalogue Number	BS Reference	Unit Packing	CAMaster fuseholder
2	2H07-660	A2	20	CM32F
4	4H07-660			
6	6H07-660			
10	10H07-660			
16	16H07-660			
20	20H07-660			
25	25H07-660	A3	20	CM63F CM100F
32	32H07-660			
40	40K07-660			
50	50K07-660	A4	10	N/A
63	63K07-660			
80	80L14-660	N/A	5	N/A
100	100L14-660			
125	125M14-660			
160	160M14-660			
200	200M14-660			



Part No	Dimensions (mm)								
	A	B	C	D	E	F	G	H	J
H07-660	82.3	73	52.0	22.0	22.4	11.5	8.7	7.7	5.4
K07-660	86.0	73	54.2	25.8	26.9	14.0	12.7	10.5	5.5
L14-660	111.0	94	67.0	35.5	37.0	19.2	19.0	10.3	8.7
M14-660	112.0	94	66.0	38.0	38.0	19.0	19.0	10.0	8.5

Data Sheet H07: 4150
 Data Sheet K07: 4151
 Data Sheet L14: 4152
 Data Sheet M14: 4153

Industrial Applications to BS88 - 660/690V

Centre Bolted Tags 660 - 690V ac / 2 - 630A 250 - 400V dc

Specifications

Description: Fuse Links for industrial applications at 660/690V that meets dimensional and performance requirements of BS88 and IEC 269-1-2 standards.



Ratings:

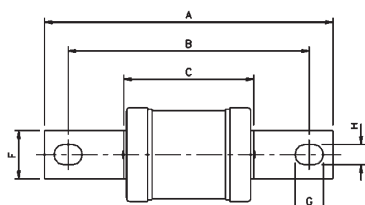
- Volts: - 660 / 690V ac
- 250V dc (2 - 63A) (K08, K09)
- 400V dc (80 - 630A) (L09, M09, N09, P09, N11, P11, P12, R11, R12)
- Amps: - 2 - 630A
IR - 80kA @ 660V ac
- 40kA @ 250V dc/400V dc

Applications: Protection of large industrial installations at 660/690Vac

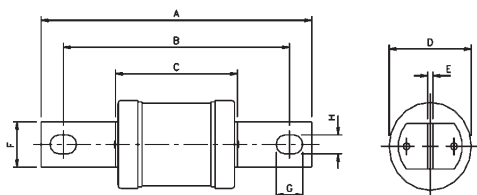
Agency Information: Meets BS88: Part 1 & 2 and IEC 269: Parts 1 & 2

RoHS Compliant

Dimensions



Part No	Dimensions (mm)							
	A	B	C	D	E	F	G	H
K08-660 2-32A	111.0	92.5	53.7	22.0	2.4	12.7	13.0	7.5
K08-660 40-63A	111.5	93.0	54.2	25.0				
K09-660 2-32A	127.0	111	53.7	22.0	2.4	14.0	15.2	8.7
K09-660 40-63A	128.0	111	54.2	25.0				



Part No	Dimensions (mm)							
	A	B	C	D	E	F	G	H
L09-660	136.0	111	65.5	35.5	3.2	19.0	15.1	8.7
M09-660	135.0	111	65.0	37.0	3.2	19.0	15.0	8.7
N09-660	135.0	111	73.0	49.0	3.2	25.4	12.7	9.5
P09-660	135.5	111	75.0	58.5	4.7	25.4	12.7	9.5
N11-660	162.0	133	73.0	49.0	3.2	25.4	15.8	10.5

Catalogue Numbers

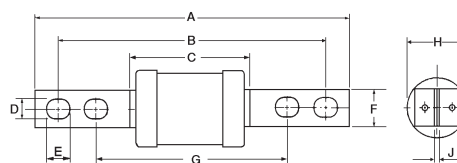
Rating (A)	Catalogue Number	BS Reference	Fixing Centres (mm)	Unit Packing
2	2K08-660	N/A	93	20
4	4K08-660			
6	6K08-660			
10	10K08-660			
16	16K08-660			
20	20K08-660			
32	32K08-660			
40	40K08-660			
50	50K08-660			
63	63K08-660			

2	2K09-660	N/A	111	20
4	4K09-660			
6	6K09-660			
10	10K09-660			
16	16K09-660			
20	20K09-660			
32	32K09-660			
40	40K09-660			
50	50K09-660			
63	63K09-660			
80	80L09-660	B1		
100	100L09-660			
125	125M09-660	B2		
160	160M09-660			
200	200M09-660	B3		
250	250N09-660			
315	315N09-660			
355	355P09-660	B4		
400	400P09-660			

125	125N11-660	N/A	133	1
160	160N11-660			
200	200N11-660			
250	250N11-660			
315	315N11-660			

355	355P11-660	C1	133/184	1
400	400P11-660			
450	450R11-660	C2	133/184	1
500	500R11-660			
560	560R11-660			
630	630R11-660			

355	355P12-660	N/A	167/231	1
400	400P12-660			
450	450R12-660			
500	500R12-660			
560	560R12-660			
630	630R12-660			



Part No	Dimensions (mm)								
	A	B	C	D	E	F	G	H	J
P11-660	212.0	184	133	75.0	25.4	16.0	10.0	59.0	5.0
P12-660	262.0	231	167						
R11-660	210.0	184	133	76.0	26.0	16.0	10.0	74.0	6.5
R12-660	262.0	231	167						

Data Sheets: K08: 415 / L09: 4156 / M09: 4157 / N09: 4158 / P09: 4159 / N11: 4160 / P11: 4161 / R11: 4162 / R12: 4162

Industrial Applications to BS88 - 660/690V

Special Tag Arrangements 660 - 690V / 125 - 800A

Specifications

Description: Fuse Links for industrial applications at 660/690V that meets dimensional and performance requirements of BS88 and IEC 269-1-2 standards.



Ratings:

- Volts: - 660 / 690V ac (except S20 type - 550V ac)
- 400V dc (except S20 type)
Amps: - 125 - 800A
IR - 80kA @ 660V ac
- 40kA @ 400V (except S20 type)

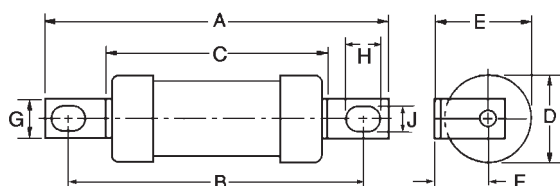
Applications: Protection of large industrial installations at 600 / 690Vac

Agency Information: BS88 part 1 section 2-1 & 2-2

RoHS Compliant

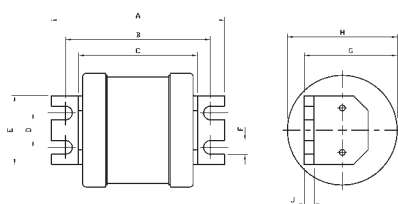
Dimensions

Offset Bolted Tag



Part No	Dimensions (mm)								
	A	B	C	D	E	F	G	H	J
M13	120.0	99.0	70.0	38.0	27.0	8.0	26.0	12.0	8.7
M23	262.0	231.0	167.0		38.5	19.0		14.0	
N15	120.0	100.0	79.0	49.0	41.0	16.5		15.0	9.8

Special Tag Arrangement

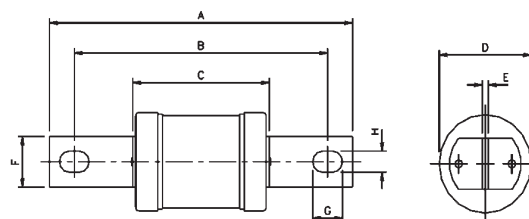


Part No	Dimensions (mm)								
	A	B	C	D	E	F	G	H	J
N20	110.0	92.0	75.0	22.0	44.5	8.8	49.0	49.0	6.4
P20	111.0		76.0				47.0	59.0	
R20	112.0	94.0	77.0				62.0	74.0	
S20	112.0		77.0				66.0	83.0	

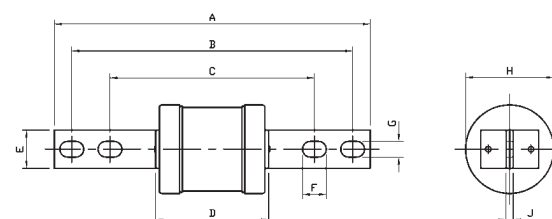
Catalogue Numbers

Tag Types	Rating (A)	Catalogue Number	Fixing Centres (mm)	Unit Packing
Offset Bolted Tag	125	125M13	99	5
	160	160M13		
	200	200M13		
	250	250M13	231	1
	315	315M13		
	125	125M23		
	160	160M23	100	1
	200	200M23		
	250	250N15		
Centre Bolted Tag	315	315N15	113	1
	250	250N34		
	315	315N34		
	355	355P35	133/184	1
	400	400P35		
	450	450R40	133/184	1
Special Offset Tag	500	500R40		
	125	125N20	92.5	1
	160	160N20		
	200	200N20		
	250	250N20		
	315	315N20		
	355	355P20	92.5	1
	400	400P20		
	450	450R20	94	1
	500	500R20		
	560	560R20		
	630	630R20		
	710	710S20	94	1
	800	800S20		

Centre Bolted Tag



Part No	Dimensions (mm)							
	A	B	C	D	E	F	G	H
N34	135.0	111	74.5	66.5	5.0	25.4	12.5	9.5



Part No	Dimensions (mm)								
	A	B	C	D	E	F	G	H	J
P35	210.0	184	133	75.0	19.0	16.0	10.0	59.0	5.0
R40				81.0				74.0	

Data Sheets: M13 & M23: 4153 / N15: 4164 / N34: 4165 / P35: 4161 / R40: 4162 / N20: 4166 / P20: 4167 / R20: 4168 / S20: E5785045

Street Lighting Applications to BS88

Offset Bolted Tags 240 - 550V / 2 - 32A

Specifications

Description: Fuse Links for general street lighting applications with Q1 fusing factor - general purpose (gG)

Applications: Street lighting applications

Ratings:

Volts: - 240 - 415V ac
Amps: - 2 - 32A
IR - 33kA @ 240V ac (STD)
- 80kA @ 415 / 550V ac (SMD)

Agency information: Meets BS88: Part 1 & 2 (1988), IEC 269: Parts 1 (1986)

RoHS Compliant

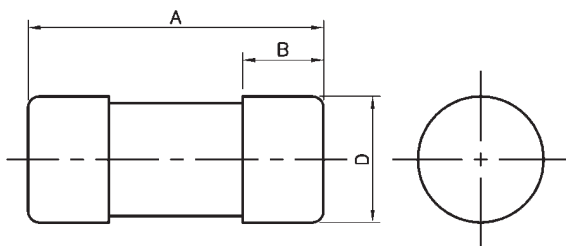
SMD 415V ac (gG) / 2 - 32A

Catalogue Numbers

Rating (A)	Part Reference	Unit Packing
2	SMD2	20
4	SMD4	
6	SMD6	
10	SMD10	
16	SMD16	
20	SMD20	
25	SMD25	
32	SMD32	



Dimensions



Part No	Dimensions (mm)			
	A	B	C	D
SMD	29.0	-	-	12.7

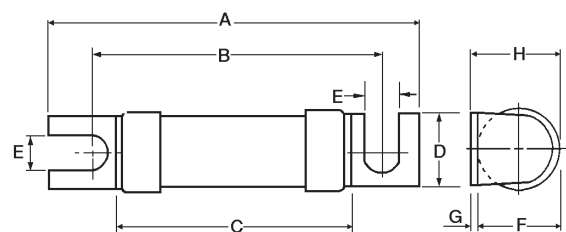
STD 240V ac / 2 - 32A

Catalogue Numbers

Rating (A)	Part Reference	Unit Packing
2	STD2	20
4	STD4	
6	STD6	
10	STD10	
16	STD16	
20	STD20	
25	STD25	
32	STD32	



Dimensions



Part No	Dimensions (mm)							
	A	B	C	D	E	F	G	H
STD	47.0	35	24.0	11.0	4.7	12.0	0.8	13.0

Data Sheet: 4123

Utility Applications to BS88

House Service Cut-Out Fuse Links 415V / 5 - 100A

Specifications

Description: Cylindrical Fuse Links for electrical utilities to BS Standard

Ratings:

Volts: - 415V
Amps: - 5 - 100A
IR - 33kA @ 415V

Applications: Fuses to use in connection with House Service cut-outs.

Agency Information: ASTA certified and tested in accordance to BS 1361

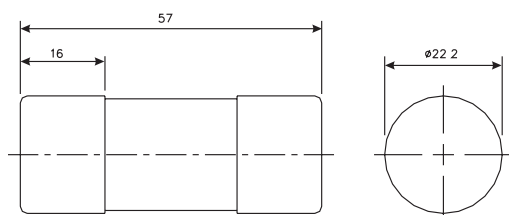
RoHS Compliant

Catalogue Numbers

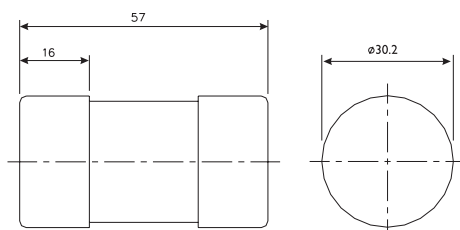
Rating (A)	Catalogue Number		Unit Packing
	Diameter		
	22mm	30mm	
5	5KR85	-	20
10	10KR85	-	
15	15KR85	-	
20	20KR85	-	
25	25KR85	-	
30	30KR85	30LR85	
40	40KR85	40LR85	
45	45KR85	-	
50	50KR85	50LR85	
60	60KR85	60LR85	
70	70KR85	-	
80	80KR85	80LR85	
90	90KR85	-	
100	100KR85	100LR85	

Dimensions

KR85 Type



LR85 Type



Data Sheet KR85: 4185
Data Sheet LR85: 4186

J Type Fuse Links to BS88: Part 5 Cylindrical Type 415V / 20 - 250A

Specifications

Description: Cylindrical type fuses designed for use with wedge type fuse carriers on BS applications

Ratings:

Volts: - 415V
Amps: - 20 - 250A
IR - 80kA @ 415V

Applications: For use by Electrical Authorities in distribution pillars, open type substation boards, heavy duty cut-outs, and underground connection boxes. Cylindrical type to be used in pole or wall mounted outdoor service fuse units.

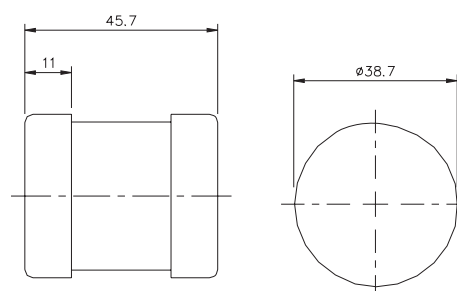
Agency information: ASTA certified and tested to BS88: Part 5

RoHS Compliant

Catalogue Numbers:

Rating (A)	Catalogue Number	Unit Packing
20	20MJ25-6	20
32	32MJ25-6	
40	40MJ25-6	
63	63MJ25-6	
80	80MJ25-6	
100	100MJ25-6	
125	125MJ25-6	
160	160MJ25-6	
200	200MJ25-6	
250	250MJ25-6	

Dimensions



Data Sheet: 4177

Utility Applications to BS88

J Type Fuse Links to BS88: Part 5 Slotted/Non Slotted Types 415V / 20 - 800A

Specifications

Description: Slotted type fuses designed for use with wedge type fuse carriers on BS applications

Ratings:

Volts: - 415V
Amps: - 20 - 630A (Slotted Type)
800A (Non Slotted Type)
IR - 80kA @ 415V

Applications: For use by Electrical Authorities in distribution pillars, open type substation boards, heavy duty cut-outs, and underground connection boxes.

Agency information: ASTA certified and tested BS88: Part 5

RoHS Compliant

Dimensions

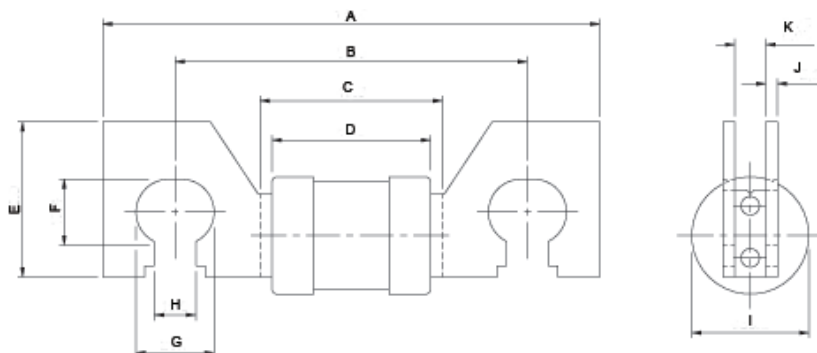


Catalogue Numbers

Rating (A)	Slotted Fixing Center			Non Slotted	Unit Packing
	76mm	82mm	92mm		
20	-	-	20MJ31-8	-	10
25	-	-	25MJ31-8	-	
32	-	32MJ30-8	32MJ31-8	-	
40	-	40MJ30-8	40MJ31-8	-	
50	-	50MJ30-8	50MJ31-8	-	
63	63MJ29-6	63MJ30-8	63MJ31-8	-	
80	80MJ29-6	80MJ30-7	80MJ31-7	-	
100	100MJ29-6	100MJ30-7	100MJ31-7	-	
125	-	125MJ30-7	125MJ31-7	-	
160	160MJ29-6	160MJ30-7	160MJ31-7	-	
200	200MJ29-6	200MJ30-7	200MJ31-7	-	
250	250MJ29-6	250MJ30-7	250MJ31-7	-	
315	-	315MJ30-7	315MJ31-7	-	
355	-	355PJ30-7	355PJ31-7	-	
400	-	400PJ30-7	400PJ31-7	-	
450	-	-	450RJ31-7	-	
500	-	-	500RJ31-7	-	
560	-	-	560SJ31-6	-	
630	-	-	630SJ31-6	-	
800	-	-		800SJ28	

Type	A	B	C	D	E	F	G	H	I	J	K
MJ30-8	110	82	45.2	40.5	30	14.8	17.5	9.8	30.9	2.4	6.45/6.53
MJ30-7 (Up to 200A)	110	82	45.2	40.5	30	14.8	17.5	9.8	30.9	2.4	6.45/6.53
MJ30-7 (315-400A)	110	82	44.8	40	30	14.4	17.5	9.8	38	2.4	6.45/6.53
MJ31-7 (Up to 200A)	131	92	46.8	40.5	41	17.4	20.7	10.9	30.8	3.2	8.05/8.73
MJ31-7 (315-400A)	131	92	46.4	40	41	17.4	20.7	10.2	38.1	3.2	8.05/8.73
PJ30-7	110	82	44.8	40	30	14.4	17.5	9.8	38	2.4	6.45/6.53
PJ31-7	131	92	46.4	40	41	17.4	20.7	10.2	38.1	3.2	8.05/8.73
RJ31-7	131	92		45	38	16.5	15.5	10.9	49.1	3.2	8.05/8.73
SJ31-6	128.5	92		44.5	38.1	16.5	20.6	11	73.3	3.2	8.05/8.73
SJ28	128.5	92		44.5	38.1	16.5	20.5		73.3	3.2	8.05/8.73

Slotted Type (MJ31-7 up to 200A)



Data Sheets: MJ30-8: 4178A / MJ30-7: 4178B / MJ31-7 or 8: 4180 / PJ31: 4181 / RJ: 4182 / SJ: 4183

Joint NATO Reference System

Cylindrical/Offset Bolted Tag 440V / 0.25 - 150A

Specifications

Description: Cylindrical Fuse links originally developed for the Admiralty but are now used in a wide variety of applications

Ratings:

Volts: - 440V

Amps: - 0.25 - 100A (Cylindrical)

- 0.5 - 150A (Offset Bolted Tag)

IR - 33kA @ 440Vac

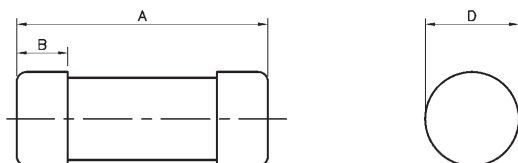
Applications: defence, aeronautical, allied industries, electronics

Agency information: Defence standard 59-96 (superceding DEF 63). Tested to BS88 at 440V/33kA

RoHS Compliant

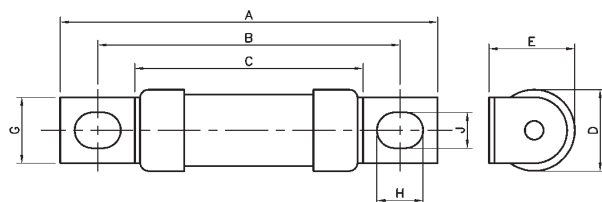
Dimensions

Cylindrical



Size	A	D	B
0	32.05	6.37	5.55
1	33.6	11.86	7.14
2	37.6	16.7	8.71
3	47.9	33.3	11.9

Offset Bolted Tag



Size	A	B	C	D
1	56.03	44.65	33.9	11.96
2	70.7	55.84	37.4	16.7
3	88.6	69.77	47.4	33.3

Catalogue Numbers

Size	Rating (A)	Cylindrical	Offset Bolted	Unit Packing
0	0.25	059-0107	N/A	100
	0.5	059-0108		
	1	059-0109		
	2	059-0110		
	3	059-0111		
	5	059-0112		
	7	059-0113		
	10	059-9925		
1	15	059-9926	059-0114 059-0115 059-0116 059-0117 059-0118	25
	0.5	059-0140		
	1	059-0141		
	2	059-0142		
	3	059-0143		
	5	059-0144		
	7	059-0145	059-0119	
	10	059-0146	059-0120	
	15	059-0147	059-0121	
	20	011-9483	011-9679	
	30		012-0140	
2	10	059-0148	059-0122	25
	15	059-0149	059-0123	
	20	059-0150	059-0124	
	30	059-0151	059-0125	
	40		059-0067	
	50		011-9127	
	60		012-0141	
3	40	059-0152	059-0126	25
	50	059-0153	059-0127	
	80	059-0154	059-0128	
	100	059-0155	059-0129	
	125		011-9128	
	160		011-9129	

Data Sheets: size 0: 4188/ size 1: 4189 / size 2: 4190 / size 3: 4191

BS88 Fuseholders

CM

CAMASTER HRC Fuseholder 690V ac / 20 - 400A



Specifications

Description: Fully shrouded fuse bases with unique cam action system for BS88 Fuse link applications.

Ratings:

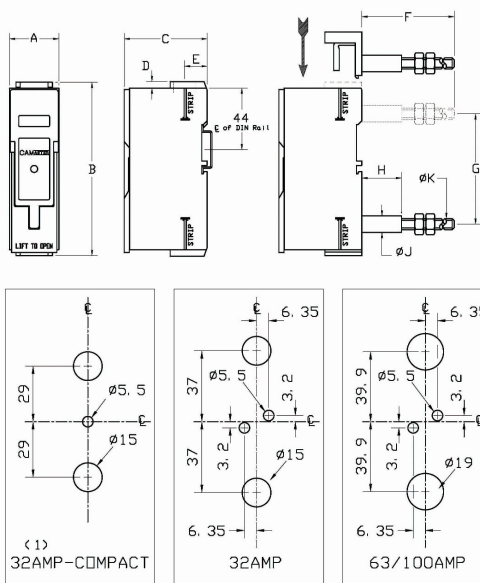
Volts: - 660V ac
Amps: - 20, 32 (Compact) 32, 63 and 100A

Applications: Lighting and heating equipment, circuit protection, Motor protection, Control equipment circuit protection

Agency Information: CE Compliance to BS88, EN IEC 60269. For UL and CSA approved versions also available, consult Cooper Bussmann®

RoHS Compliant

Dimensions



Cat. No	Max cable mm ²	Dimensions (mm)									
		A	B	C	D	E	F	G	H	J	K
CM20F	16	25.4	93.7	60	3.2	17.5	66.0	58.0	28.6	11.9	M6
CM32FC	16	25.4	93.7	60	3.2	17.5	66.0	58.0	28.6	11.9	M6
CM32F	16	31.8	117.5	60	3.2	17.5	66.0	74.0	28.6	11.9	M6
CM63F	70	35.6	125	60	4.75	16.4	86.5	81.0	28.6	11.9	M8
CM100F	70	35.6	125	60	4.75	16.4	86.5	81.0	28.6	11.9	M8
200DF	95	70	193	149	17.5	35.6	8	138	30	24	M12
400EF	240	98.4	254	192.1	31.8	36.5	-	-	-	-	-

Catalogue Numbers

Rating (A)	Catalogue Number	Recommended Fuse Link	Unit Packing
20	CM20F	NITD	10
32	CM32FC	NITD	10
32	CM32F	AAO	10
63	CM63F	BAO	10
100	CM100F	OSD	5
200*	200DF	DD	
	200DFBS Front/Back		
	200DBS Back/Back		
400*	400EF	ED	

* 200A & 400A do not have the CAM action

Accessories Numbers

Accessory	Rating (A)	Catalogue No	Unit Packing
Back Stud	32	32BSC	10
	32	32BS	10
	63/100	63/100BS	5
Ganging Links		GLP	1 set
Neon Indicator	90-415V ac	NI	3
Lockable Safety Carriers		32LSCC	3
		32LSC	3
		63/100LSC	3
Neutral Links	32	32CMLC	1
	32	32CML	
	63/100	63/100CML	
Security Clip		CMSC	20

Notes:

- 1 - Type CM32FC is also available rated at 20A, catalogue number CM20F
- 2 - For colours other than Black (standard) add the appropriate letter code: W = White; G = Green, GY = Grey
- 3 - Care must be taken when fitting solid single or stranded cables of small cross-sectional area to ensure correct clamping. Small Multi-stranded cables must be terminated with bootlace ferrules to ensure correct clamping. Bootlace ferrules should not be used on standard power cables or high current applications. If in doubt please consult Cooper Bussmann®

BS88 Fuseholders

NNS, ENS Safeloc Fuseholder 660V ac / 32 - 63A

Specifications

Description: Fuseholder to use with BS88 Fuse links for bolted panel mounting or DIN rail.

Ratings:

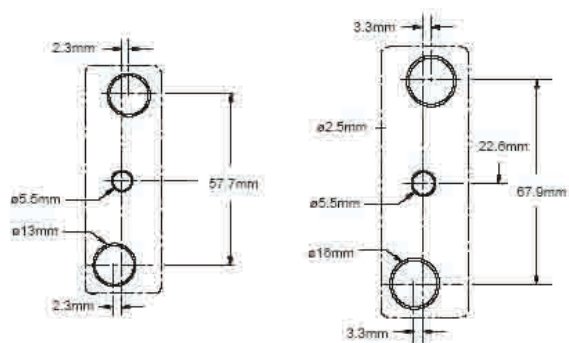
Volts: - 550V ac, 415V ac (63A)
Amps: - 32, 63A

Applications: Lighting and heating equipment, circuit protection, Motor protection, Control equipment circuit protection

Agency Information: CE Compliance to BS88, EN IEC 60269

RoHS Compliant

Dimensions



Catalogue Numbers

Rating (A)	Catalogue Number	Available Variants	Required Fuse Link	Unit Packing
32	32NNSF	Front connected/ Front connected	NSD	10
	32NNSBS	Back stud/ Back stud		10
	32NNSFBS	Front connected/ Back stud		10
	32NNL	Neutral links		10
63	63ENSF	Front connected/ Front connected	ESD	5
	63ENSBS	Back stud/ Back stud		5
	63ENSFBS	Front connected/ Back stud		5
	63ENL	Neutral links		1

Notes:

1 - For colours other than Black (standard), add the appropriate letter code: W = White, G = Green, GY = Grey, at the end of the catalogue reference.
2 - Security seal (ref. 32551) available for 32A Safeloc
3 - Care must be taken when fitting solid single or stranded cables of small cross-sectional area to ensure correct clamping. Small Multi-stranded cables must be terminated with bootlace ferrules to ensure correct clamping. Bootlace ferrules should not be used on standard power cables or high current applications. If in doubt please consult Cooper Bussmann®

Rating (A)	Part No	Max Cable mm ²	Dimensions (mm)									
			A	B	C	D	E	F	G	H	J	K
32	NNS	16	25.4	80.3	48.5	2.3	16.0	39.2	57.7	17.0	9.7	M6
63	ENS	35	29.1	90.0	55.0	3.3	17.7	75.0	67.9	39.2	11.0	M8