

CT, ET, FE, EET, FEE, FM, FMM, MT, MMT BS88 High speed fuses



Catalogue symbol

- (amps)CT (6 to 20 A)
- (amps)ET (25 to 80 A)
- (amps)FE (35 to 100 A)
- (amps)EET (90 to 160 A)
- (amps)FEE (100 to 200 A)
- (amps)FM (180 to 350 A)
- (amps)FMM (400 to 700 A)
- (amps)MT (160 to 355 A)
- (amps)MMT (180 to 710 A)

Description

BS88 style high speed fuse links.

Technical data

- Rated voltage

Catalogue numbers	IEC		UL	
	V a.c.	V d.c.	V a.c.	V d.c.
CT,	690	500	700	500
ET	690	500	700	500
FE	690	500	700	500
EET	690	500	700	700
FEE	690	500	700	500
FM	690	450	700	500
FMM	690	450	700	-
MT	690	350	700	-
MMT	690	350	700	-

- Rated current
 - 6 - 710 A
- Operating class: aR

- Breaking capacity

Catalogue numbers	RMS Sym	IEC		UL	
		DC at rated voltage	RMS Sym	DC at rated voltage	RMS Sym
CT	90 kA	40 kA at 500 V d.c.	200 kA	50 kA at 500 V d.c.	
ET	200 kA	50 kA at 500 V d.c.	200 kA	50 kA at 500 V d.c.	
FE					
EET					
FEE					
FM	200 kA	40 kA at 450 V d.c.	200 kA	50 kA at 500 V d.c.	
FMM	200 kA	40 kA at 450 V d.c.	200 kA	-	
MT	200 kA	40 kA at 350 V d.c.	200 kA	-	
MMT	200 kA		200 kA	-	

Agency information

- CE
- Designed and tested to BS88 part 4
- IEC 60269 Part 4
- Consult fusetech@eaton.com for specific UL recognition status
- CCC for ET, FE, EET, FEE, FM and FMM

Features and benefits

- Excellent cycling capability and DC performance
- Low arc voltage and low energy let-through (I^2t)
- Low watts loss

Typical applications

- DC common bus
- DC drives
- Power converters/rectifiers
- Reduced voltage starters

Carton quantity

- LCT and CT: 20 per carton
- LET, ET and FE: 10 per carton
- EET, FEE: 5 per carton
- LMT, LMMT, FM, FMM, MT and MMT: 1 per carton

Carton weight

- LCT: 0.11 kg
- LET: 0.31 kg
- LMT: 0.18 kg
- LMMT: 0.37 kg
- CT: 0.16 kg
- ET and FE: 0.42 kg
- EET, FEE and FMM: 0.45 kg
- FM: 0.24 kg
- MT: 0.26 kg
- MMT: 0.47 kg

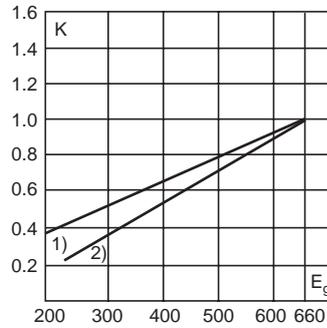
Catalogue numbers

6CT	180FM
10CT	200FM
12CT	225FM
16CT	250FM
20CT	280FM
25ET	315FM
32ET	350FM
35ET	400FMM
40ET	450FMM
45ET	500FMM
56ET	550FMM
63ET	630FMM
80ET	700FMM
35FE	160MT
40FE	180MT
45FE	200MT
50FE	250MT
63FE	280MT
71FE	315MT
80FE	355MT
90FE	180MMT
100FE	200MMT
90EET	225MMT
110EET	280MMT
140EET	315MMT
160EET	355MMT
100FEE	400MMT
120FEE	450MMT
140FEE	500MMT
160FEE	560MMT
180FEE	630MMT
200FEE	710MMT

Electrical characteristics

Total clearing I²t

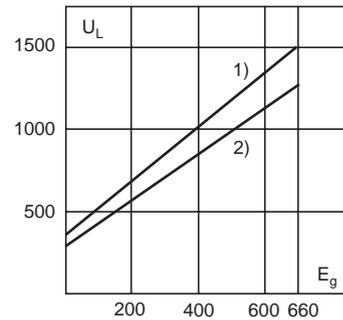
The total clearing I²t at rated voltage and at a power factor of 15 percent are given in the electrical characteristics. For other voltages, the clearing I²t is found by multiplying by correction factor, K, given as a function of applied working voltage, E_g, (RMS).



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- 2) FM, FMM

Arc voltage

This curve gives the peak arc voltage, U_L, which may appear across the fuse during its operation as a function of the applied working voltage, E_g, (RMS) at a power factor of 15 percent.



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Watts losses

Watts loss at rated current is given in the electrical characteristics. The curve allows the calculation of the watts losses at load currents lower than the rated current. The correction factor, K_p, is given as a function of the RMS load current, I_b, in percent of the rated current.

