

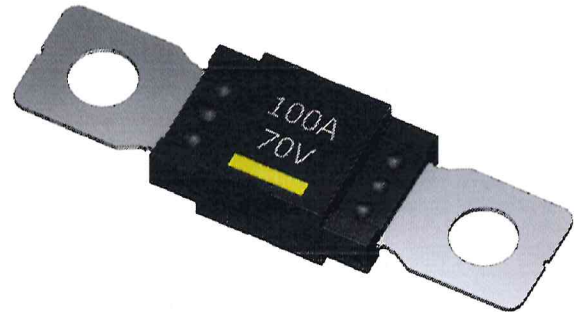


PROTECTRON ELECTROMECH (P) LTD

DESCRIPTION : MEGA BOLT DOWN FUSE

PART NO: PBFM-KT-In
(REFER TABLE)

RoHS



MATERIAL AND FINISH

TOP HOUSING : PA6T, UL 94-V2
BOTTOM HOUSING : PA6T, UL 94-V2
STRIP : COPPER, Sn PLATED

ELECTRICAL DATA

INTERRUPTING RATING : 2500@70V DC
VOLTAGE RATING : 70V DC
REFERENCE STANDARD : ISO 20934

ENVIRONMENTAL DATA

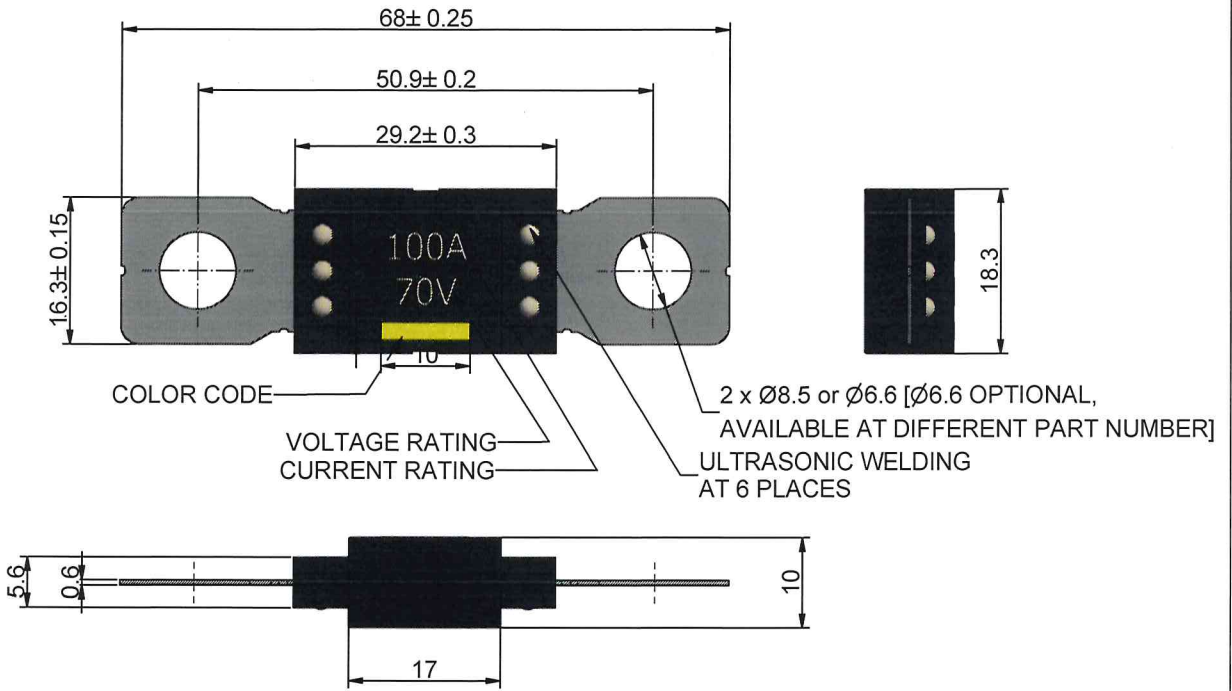
OPERATING TEMPERATURE : -40°C to +125°C



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In-NOMINAL CURRENT RATING

PART NUMBERS	CURRENT RATING	CABLE SIZE AS PER ISO 20934	TOP INSULATOR COLOR	TYP.VOLTAGE DROP	TYP. COLD RESISTANCE
PBFM-KT- 60 A	60 A	6 mm ²		78 mV	0.97 mΩ
PBFM-KT- 80 A	80 A	10 mm ²		91.4 mV	0.71 mΩ
PBFM-KT- 100 A	100 A	10 mm ²		82.4 mV	0.53 mΩ
PBFM-KT- 125 A	125 A	16 mm ²		105.9 mV	0.42 mΩ
PBFM-KT- 150 A	150 A	25 mm ²		106 mV	0.37 mΩ
PBFM-KT- 175 A	175 A	25 mm ²		124.5 mV	0.32 mΩ
PBFM-KT- 200 A	200 A	35 mm ²		88 mV	0.30 mΩ
PBFM-KT- 225 A	225 A	35 mm ²		86 mV	0.25 mΩ
PBFM-KT- 250 A	250 A	50 mm ²		84.4 mV	0.21 mΩ
PBFM-KT- 300 A	300 A	50 mm ²		101.6 mV	0.18 mΩ
PBFM-KT- 350 A	350 A	50 mm ²		110.5 mV	0.16 mΩ
PBFM-KT- 400 A	400 A	70 mm ²		91 mV	0.16 mΩ
PBFM-KT- 450 A	450 A	70 mm ²		75 mV	0.16 mΩ
PBFM-KT- 500 A	500 A	70 mm ²		89 mV	0.13 mΩ

Projection:



Scale: NTS

Sht. Size: A4

Gen. Tol.±0.35mm

ALL DIMENSIONS ARE IN MM.
IF UNLESS OTHERWISE SPECIFIED.

<http://www.protectron.in>

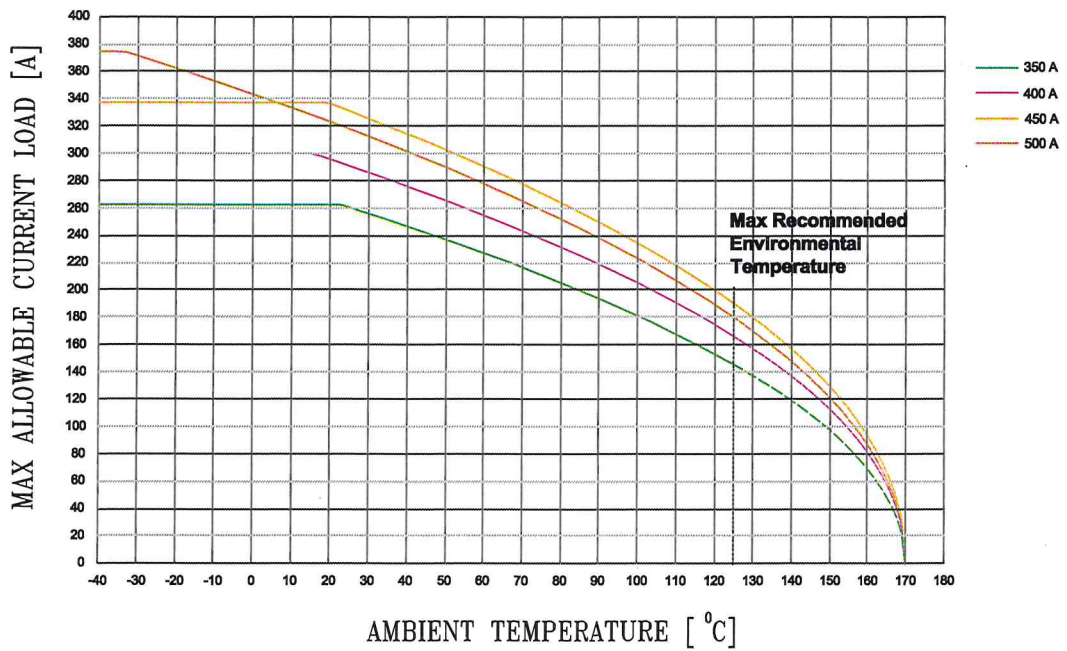
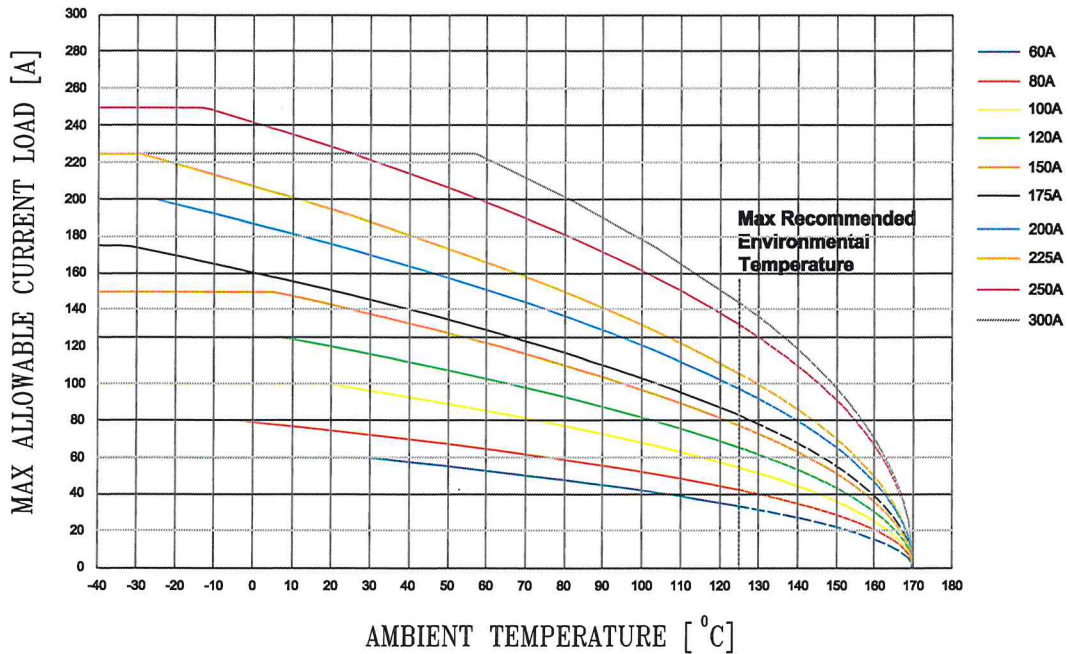
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DESCRIPTION : MEGA BOLT DOWN FUSE

PART NO: PBFM-KT-In
(REFER TABLE)

TYPICAL DERATING OF FUSE MELTING



Projection:



Scale: NTS

Sht. Size: A4

Gen. Tol.: ±0.15mm
±2°

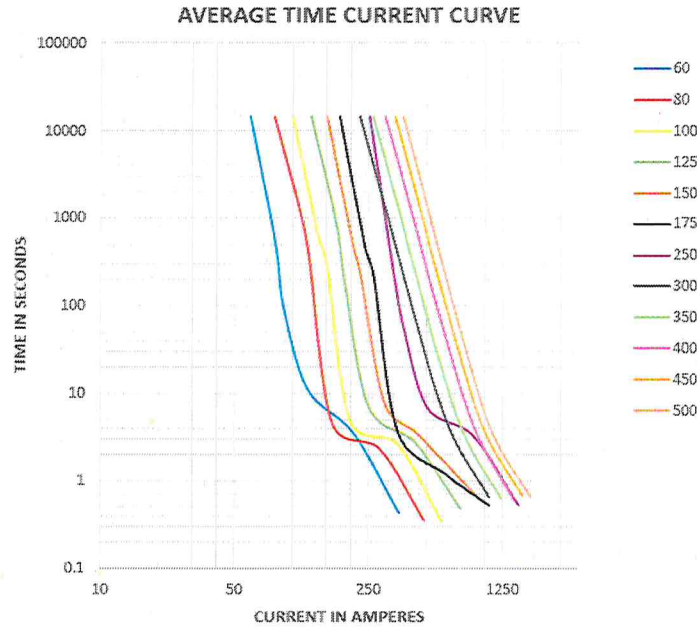
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PROTECTRON ELECTROMECH (P) LTD

DESCRIPTION : MEGA BOLT DOWN FUSE

PART NO: PBFM-KT-In
(REFER TABLE)



TIME-CURRENT CHARACTERISTICS[60A-250A]

TIME-CURRENT CHARACTERISTICS[300A-500A]

% of Rating A	OPERATING TIME	
	MIN	MAX
100	4hrs.	-/-
135	120 sec	1800 sec
150	20 sec	450 sec
200	1 sec	15 sec
350	0.3 sec	5 sec
600	0.1 sec	1 sec

% of Rating A	OPERATING TIME	
	MIN	MAX
75	4hrs.	-/-
200	1 sec	15 sec
350	0.5 sec	5 sec

ORDERING INFORMATION

PBFM-KT-In

(REFER TABLE)

MOQ- AS SPECIFIED

SPQ- AS SPECIFIED

A1	CABLE SIZE AS PER ISO 20934 INCLUDED	PRARTHANA	25.03.2022	<i>[Signature]</i>
A	ORIGINAL	NITHIN	17.09.2021	
REV.	DESCRIPTION	DRN BY	DATE	CK'ED BY

Projection:



Scale: NTS

Sht. Size: A4

Gen. Tol.: ±0.15mm
±2'

ALL DIMENSIONS ARE IN MM.
IF UNLESS OTHERWISE SPECIFIED.