



DESCRIPTION : MIDI BLADE FUSE WITH LED

PART NO: PTF 200 In-L  
(REFER TABLE)



## ELECTRICAL PARAMETERS:

RATED VOLTAGE : DC 32V  
INTERRUPTING RATING : 1000A @ 32V DC  
COMPONENT LEVEL TEMPERATURE RANGE : -40°C TO +105°C  
SYSTEM LEVEL TEMPERATURE RANGE : -40°C TO +85°C  
105°C AND 85°C ARE TYPICAL SYSTEM LEVEL TEMPERATURE REQUIREMENTS

## MATERIAL AND FINISH

BODY : NYLON (PA66)  
ELEMENT : ZINC MATERIAL, TIN PLATED  
LED : SMT TYPE

## PACKING DETAILS:

STANDARD : 500 No's BULK PACKING  
CUSTOMIZED PACKING IS AVAILABLE BASED ON REQUEST





# PROTECTRON ELECTROMECH (P) LTD














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## ORDERING INFORMATION

PTF 200 In-L

In = NOMINAL CURRENT(1A TO 40A)

PART NUMBERS	CURRENT RATING (A)	HOUSING MATERIAL COLOR	TYPICAL VOLTAGE DROP (mV)	TYPICAL COLD RESISTANCE (mΩ)	I <sup>2</sup> t VALUE(A <sup>2</sup> s) TYPICAL
PTF 200 1A-L	1A	BLACK 	176	123	0.36
PTF 200 2A-L	2A	GRAY 	141	53.5	1.31
PTF 200 3A-L	3A	VIOLET 	137	31.1	6.80
PTF 200 4A-L	4A	PINK 	136	22.8	13
PTF 200 5A-L	5A	TAN 	128	17.85	24
PTF 200 7.5A-L	7.5A	BROWN 	116	10.91	54
PTF 200 10A-L	10A	RED 	109	7.70	105
PTF 200 15A-L	15A	BLUE 	102	4.80	302
PTF 200 20A-L	20A	YELLOW 	98	3.38	483
PTF 200 25A-L	25A	NATURAL 	92	2.52	993
PTF 200 30A-L	30A	GREEN 	84	1.97	1374
PTF 200 35A-L	35A	BLUE GREEN 	87	1.61	2188
PTF 200 40A-L	40A	ORANGE 	96	1.44	3144

## MARKINGS ON THE INSULATOR SHOULD BE AS FOLLOWS:-

'AMPERAGE', 'VOLTAGE RATING' AND 'PROTECTRON' (MANUFACTURER)

## ELECTRICAL CHARACTERISTICS:-

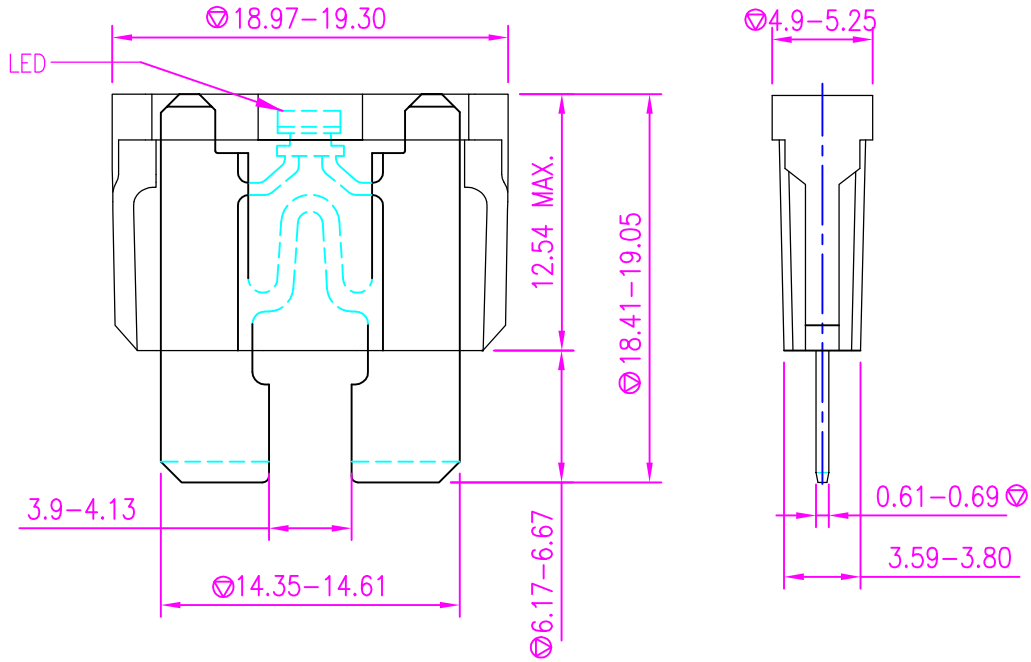
% OF AMPERE RATING	AMPERE RATING	OPENING TIME
110%	1-40Amp	100 Hours Min.
135%	1-40Amp	750 msec., Min.; 600sec, Max.
160%	1-40Amp	250 msec., Min.; 50sec, Max.
200%	1-40Amp	150 msec., Min.; 5sec, Max.
350%	1-40Amp	80 msec., Min.; 500msec., Max.
600%	1-40Amp	20 msec., Min.; 100msec., Max.



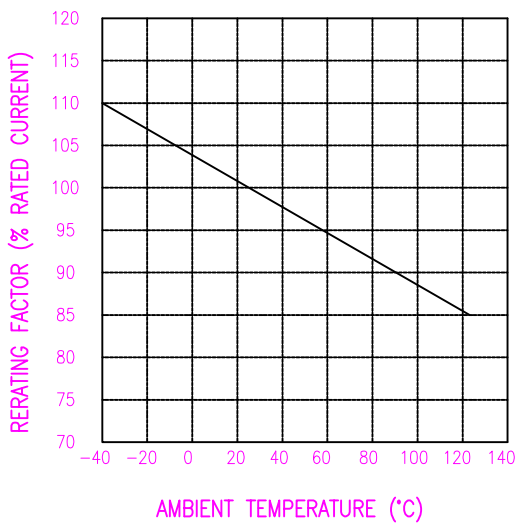
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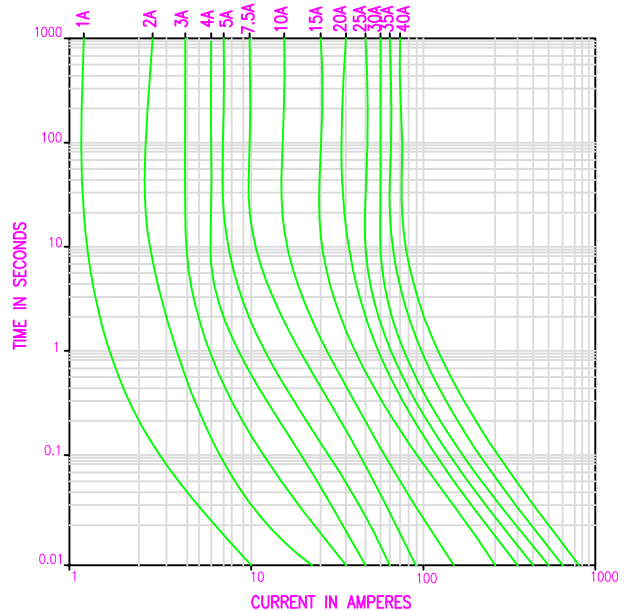
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## TEMPERATURE DERATING CURVE



## TIME-CURRENT CHARACTERISTIC CURVES



A	ORIGINAL	CHETAN	21.09.2018			
REV.	DESCRIPTION		DRN. BY	DATE	CK'ED BY	APP'D BY
Projection: 		Scale: NTS	Sht. Size: A4	Gen. Tol.: $\pm 0.25\text{mm}$ $\pm 2^\circ$	ALL DIMENSIONS ARE IN MM. IF UNLESS OTHERWISE SPECIFIED.	

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