



PROTECTRON ELECTROMECH (P) LTD

DESCRIPTION : LP MINI BLADE FUSE-STANDARD PLUG IN TYPE

PART NO: PTF 400 In
(REFER TABLE)



ELECTRICAL PARAMETERS:

RATED VOLTAGE : DC 58V
INTERRUPTING RATING : 1000A @ 58V 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
DESIGN COMPLIES WITH : ISO 8820-9

PACKING DETAILS:

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





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



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ORDERING INFORMATION

PTF 400 I_n

I_n = NOMINAL CURRENT(5A TO 30A)

PART NUMBERS	CURRENT RATING (A)	HOUSING MATERIAL COLOR	TYPICAL VOLTAGE DROP (mV)	TYPICAL COLD RESISTANCE (mΩ)	I ² t VALUE(A ² s) (TYPICAL)
PTF 400 5A	5A	TAN 	113	17.21	20
PTF 400 7.5A	7.5A	BROWN 	100	10.65	50
PTF 400 10A	10A	RED 	102	7.59	96
PTF 400 15A	15A	BLUE 	93	4.70	190
PTF 400 20A	20A	YELLOW 	90	3.35	399
PTF 400 25A	25A	NATURAL 	90	2.56	582
PTF 400 30A	30A	GREEN 	87	2.06	1065

MARKINGS ON THE INSULATOR SHOULD BE AS FOLLOWS:-

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

ELECTRICAL CHARACTERISTICS:-

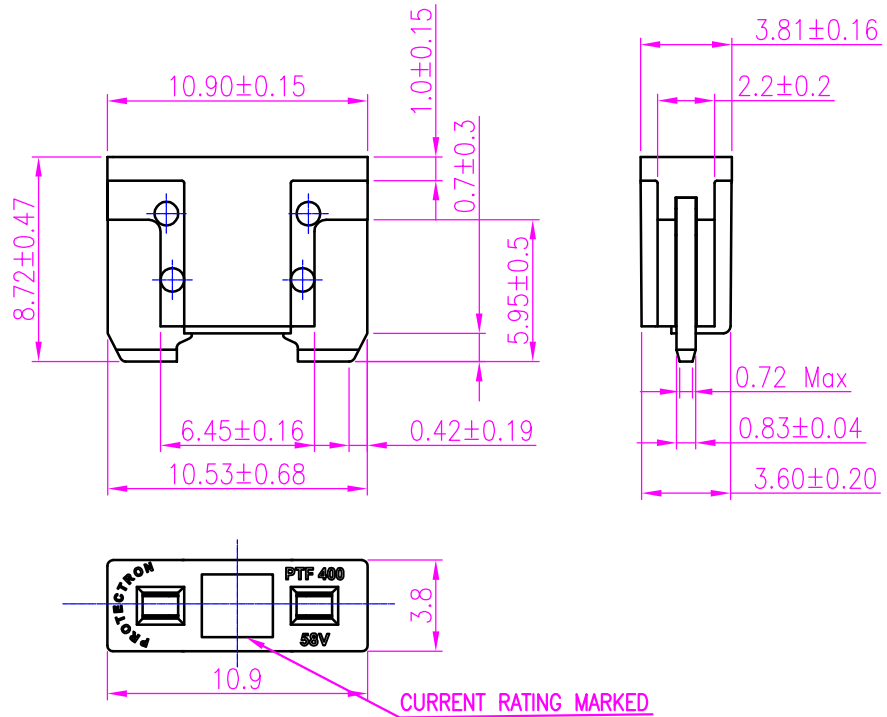
% OF AMPERE RATING	AMPERE RATING	OPENING TIME
110%	5-30Amp	100 Hours Min.
135%	5-30Amp	0.75sec. Min.; 120sec. Max.
160%	5-30Amp	0.25sec. Min.; 50sec. Max.
200%	5-30Amp	0.15sec. Min.; 5sec. Max.
350%	5-30Amp	0.08sec. Min.; 0.25sec. Max.
600%	5-30Amp	0.03sec. Min; 0.1sec. Max.



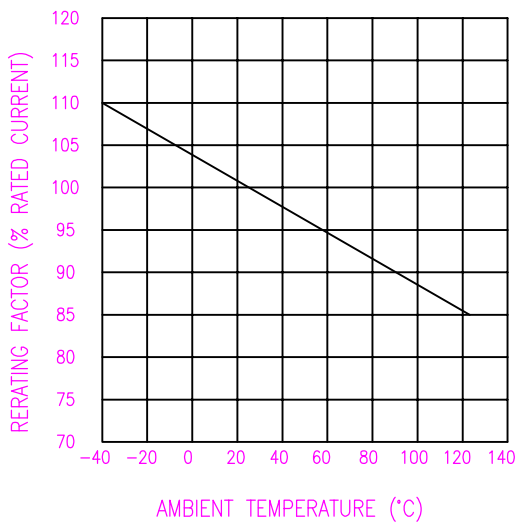
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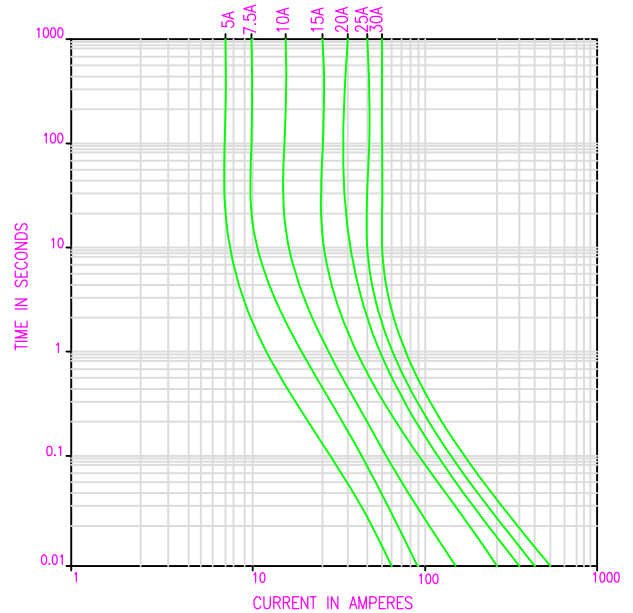
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TEMPERATURE DERATING CURVE



TIME-CURRENT CHARACTERISTIC CURVES



A	ORIGINAL		CHETAN	21.09.2018		
REV.	DESCRIPTION			DRN. BY	DATE	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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