



PROTECTRON ELECTROMECH (P) LTD

DESCRIPTION : MINI BLADE FUSE - STANDARD PLUG IN TYPE

PART NO: PTF 300 In
(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
COMPLIES WITH : SAE J2077, ISO 8820-3
UL AND CSA CERTIFIED : FILE NO.E228912

PACKING DETAILS:

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





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ORDERING INFORMATION

PTF 300 I_n

I_n = NOMINAL CURRENT(2A 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 300 2A	2A	GRAY 	171	55.60	2.6
PTF 300 3A	3A	VIOLET 	153	33.75	08
PTF 300 4A	4A	PINK 	121	23.48	16
PTF 300 5A	5A	TAN 	129	17.75	23
PTF 300 7.5A	7.5A	BROWN 	135	10.85	65
PTF 300 10A	10A	RED 	108	7.42	88
PTF 300 15A	15A	BLUE 	98	4.58	262
PTF 300 20A	20A	YELLOW 	96	3.21	361
PTF 300 25A	25A	NATURAL 	86	2.36	600
PTF 300 30A	30A	GREEN 	87	1.85	1073

MARKINGS ON THE INSULATOR SHOULD BE AS FOLLOWS:-

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

ELECTRICAL CHARACTERISTICS:-

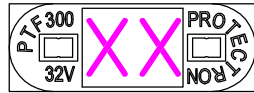
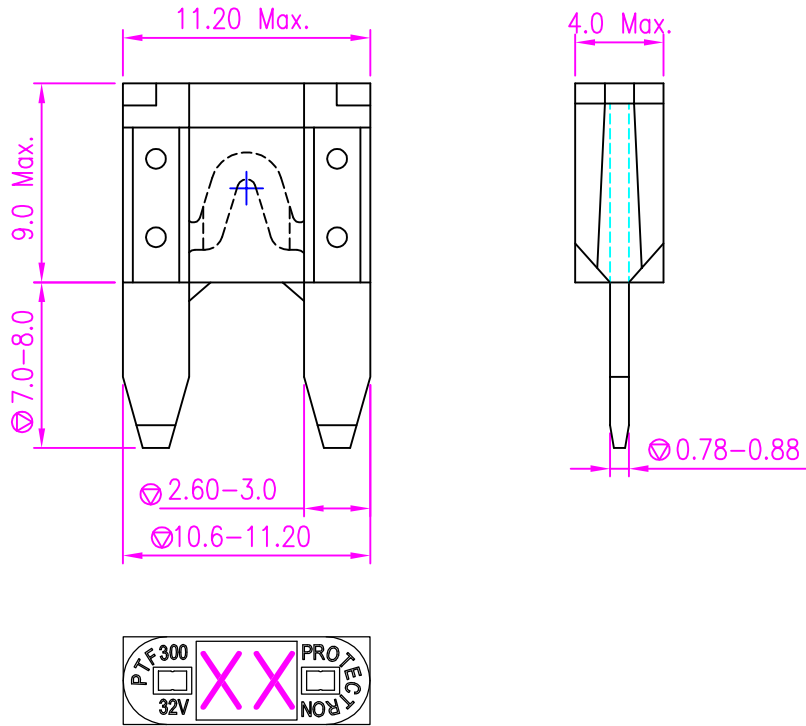
% OF AMPERE RATING	AMPERE RATING	OPENING TIME
110%	2-30Amp	100 Hours Min.
135%	2-30Amp	750msec. Min.; 600sec. Max.
160%	2-30Amp	250msec. Min.; 50sec. Max.
200%	2-30Amp	150msec. Min.; 5sec. Max.
350%	2-30Amp	80msec. Min.; 500msec. Max.
600%	2-30Amp	30msec. Min; 100msec. Max.



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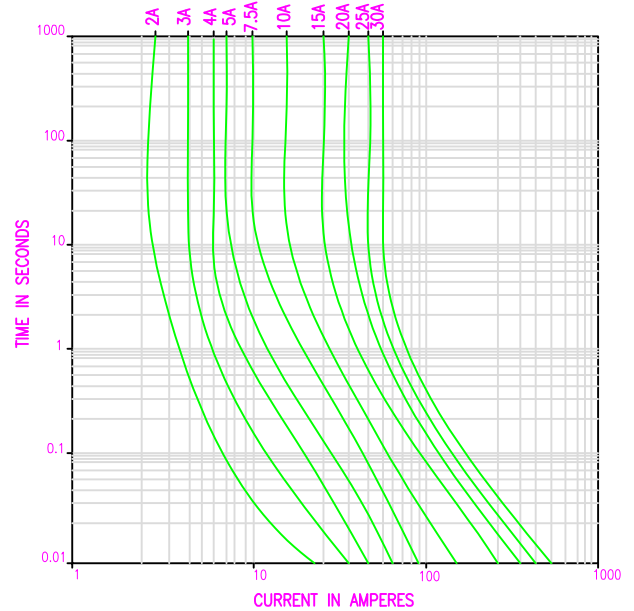
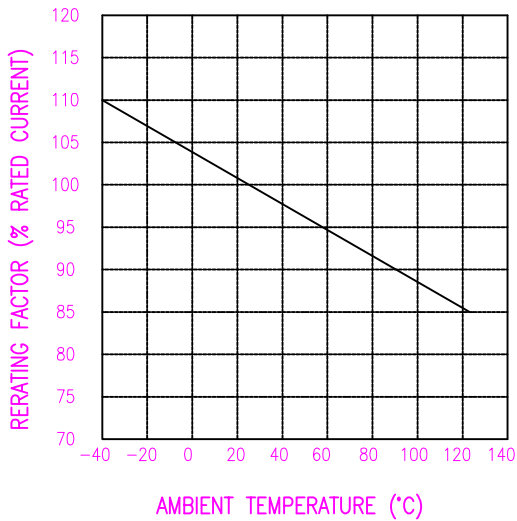
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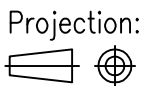


TIME-CURRENT CHARACTERISTIC CURVES

TEMPERATURE DERATING CURVE



A	ORIGINAL	CHETAN	21.09.2018		
REV.		DRN. BY	DATE	CK'ED BY	APP'D BY



Scale: NTS

Sht. Size: A4

Gen. Tol.: ±0.25mm
±2°

ALL DIMENSIONS ARE IN MM.
IF UNLESS OTHERWISE SPECIFIED.