



PROTECTRON ELECTROMECH (P) LTD

DESCRIPTION : 6.3x25, GLASS CARTRIDGE FAST ACTING FUSE

PART NO: PXF..VK In



RATED VOLTAGE : 32 V
BREAKING CAPACITY : 35A OR 10 In WHICHEVER IS GREATER,
WHEN TESTED WITH AC CURRENT

MARKINGS ON THE FUSE CAP SHOULD BE AS FOLLOWS:-

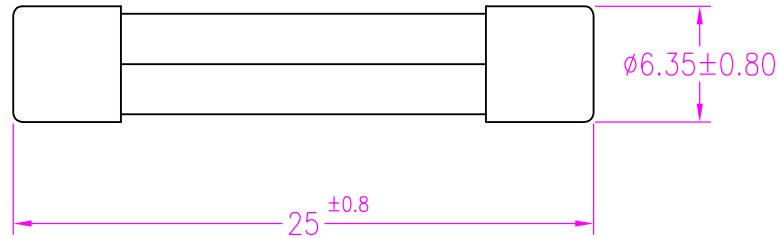
TYPE OF FUSE (F), FUSE RATING, RATED VOLTAGE (32V),
BREAKING CAPACITY (L) & COMPANY'S IDENTIFICATION



PROTECTRON ELECTROMECH (P) LTD

DESCRIPTION : 6.3x25, GLASS CARTRIDGE FAST ACTING FUSE

PART NO: PXF...VK In



TIME CURRENT CHARACTERISTICS

NOMINAL CURRENT	1.5 In MAX.	1.35 In MAX.	1.1 In MIN.
In	15 Sec	180 Sec	2 Hour

NOMINAL CURRENT RANGE (In)	VOLTAGE DROP DC (mV Max.)
0.5 A	200
1 A	200
2 A	200
4 A	200
5 A	200
6 A	200
7 A	200
10 A	200
15 A	200
20 A	200

ORDERING INFORMATION

PXF...VK A(In \geq 4A)
FOR ROHS PXF...A VK-R

A3	INCLUDED CURRENT RATING 0.5A,1A,2A	SUJATHA	29.10.2011		
A2	20A INCLUDED		06.10.2006		
A1	4A,6A INCLUDED		24.03.2004		
A	ORIGINAL		03.08.2000		

REV.	DESCRIPTION				DRN. BY	DATE	CK'ED BY	APP'D BY
	Projection: 	Scale: NTS	Sht. Size: A4	Gen. Tol.: $\pm 0.1\text{mm}$ $\pm 0.2^\circ$	ALL DIMENSIONS ARE IN MM. IF UNLESS OTHERWISE SPECIFIED.			



PROTECTRON ELECTROMECH (P) LTD

DESCRIPTION : 6.3x30mm GLASS CARTRIDGE FAST ACTING FUSE

PART NO: PXF In VU



RATED VOLTAGE : 32 V
CAP : BRASS, NICKEL PLATED
BODY : GLASS

MARKINGS ON THE FUSE CAP SHOULD BE AS FOLLOWS:-

TYPE OF FUSE (F), FUSE RATING, RATED VOLTAGE (32V), BREAKING CAPACITY (L) & COMPANY'S IDENTIFICATION

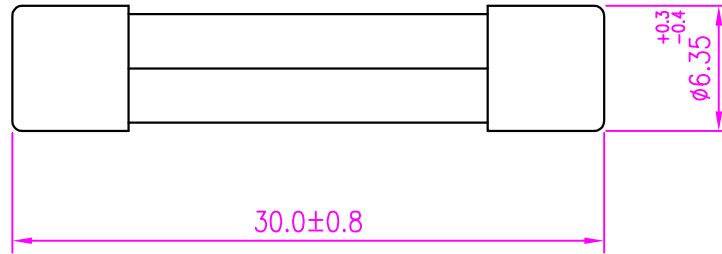
TIME CURRENT CHARACTERISTICS			
NOMINAL CURRENT	1.5 In	1.35 In	1.1 In
	MAX.	MAX.	MIN.
In	15 Sec.	180 Sec.	2 Hour



PROTECTRON ELECTROMECH (P) LTD

DESCRIPTION : 6.3x30mm GLASS CARTRIDGE FAST ACTING FUSE

PART NO: PXF In VU

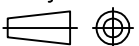


SL.NO	PEPL PART NUMBER	NOMINAL CURRENT RANGE (In)	VOLTAGE DROP DC (mV Max.)
1	PXF 1A VU	1 A	200
2	PXF 5A VU	5 A	200
3	PXF 7A VU	7 A	200
4	PXF 7.5A VU	7.5 A	200
5	PXF 8A VU	8 A	200
6	PXF 10A VU	10 A	200
7	PXF 15A VU	15 A	200
8	PXF 20A VU	20 A	200

A6	DATASHEET UPDATED	RAMYA	10.08.2018	SUJATHA	
A5	1A RATING REMOVED	MADHU	03.05.2018	SUJATHA	SACHIN
A4	1A RATING INCLUDED	JEEVAN	12.02.2011		
A3	7A RATING INCLUDED, TOLERANCE ON ø6.35mm CORRECTED		17.08.2006		
A2	7.5A RATING INCLUDED		25.05.2003		
A1	RATED VOLTAGE AND 1.1In TIME CHANGED		16.04.2002		
A	ORIGINAL		08.10.2001		

REV.	DESCRIPTION	DRN. BY	DATE	CK'ED BY	APP'D BY
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Projection:



Scale: NTS

Sht. Size: A4

Gen. Tol.: ±0.1mm
±0.2°

ALL DIMENSIONS ARE IN MM.
IF UNLESS OTHERWISE SPECIFIED.

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PROTECTRON ELECTROMECH (P) LTD

DESCRIPTION : 6.3 x 32, CERAMIC BODY TIME DELAY FUSE

PART NO: PATC In



RATED VOLTAGE : 250 V
BREAKING CAPACITY : 1500A WHEN TESTED WITH AC CURRENT
CAP : BRASS, NICKEL PLATED
BODY : CERAMIC

MARKINGS ON THE FUSE CAP SHOULD BE AS FOLLOWS:-

TYPE OF FUSE (F), FUSE RATING, RATED VOLTAGE (250V), BREAKING CAPACITY (L)
& COMPANY'S IDENTIFICATION

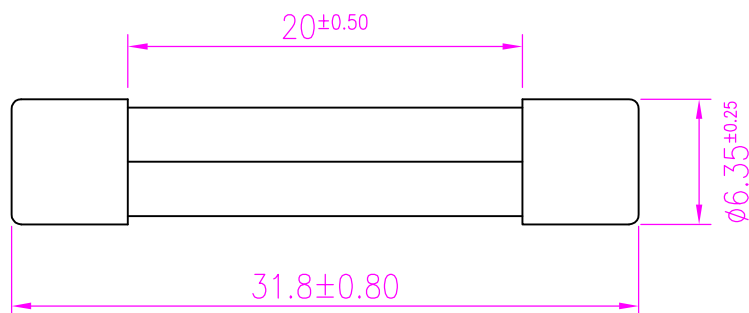
NOMINAL CURRENT (In)	2.1 In MAX.	2.75 In		4 In		10 In	
		MIN.	MAX.	MIN.	MAX.	MIN.	MAX.
200 mA – 10A	120 Sec	200 mSec	10 Sec	100 mSec	3 mSec	20 mSec	300 mSec



PROTECTRON ELECTROMECH (P) LTD

DESCRIPTION : 6.3 x 32, CERAMIC BODY TIME DELAY FUSE

PART NO: PATC In



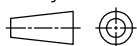
NOMINAL CURRENT RANGE (In)	VOLTAGE DROP DC (mV Max.)
200 mA	1200
250 mA	900
300 mA	1200
315 mA	650
400 mA	600
500 mA	510
630 mA	200
800 mA	110
1 A	100
1.25 A	100
1.50 A	100
1.6 A	100
2 A	100
2.5 A	100
3 A	100
3.15 A	100
3.5 A	100
4 A	100
5 A	100
6 A	100
6.3 A	100
8 A	100
10 A	100
12 A	100
15 A	100
>15 A	100

ORDERING INFORMATION

PATC... mA ($I_n \leq 800\text{mA}$) OR
 PATC... A ($I_n \geq 1\text{A}$)

A2	TOLERANCE UPDATED	VENILA	28.04.2015		
A1	INCLUDED 300mA, 1.5A & >15A, IN TABLE	VISHWA.P	03.09.2013		
A	ORIGINAL	SAMSON	14.07.2001		
REV.	DESCRIPTION	DRN. BY	DATE	CK'ED BY	APP'D BY

Projection:



Scale: NTS

Sht. Size: A4

Gen. Tol.: $\pm 0.1\text{mm}$
 ± 1

ALL DIMENSIONS ARE IN MM.
IF UNLESS OTHERWISE SPECIFIED.



PROTECTRON ELECTROMECH (P) LTD

DESCRIPTION : 6.3x32, CERAMIC BODY FAST ACTING FUSE

PART NO: PAFC In



RATED VOLTAGE	:	250 V
BREAKING CAPACITY	:	35 A OR 10 In WHICHEVER IS GREATER WHEN TESTED WITH AC CURRENT
CAP	:	BRASS, Ni PLATED
BODY	:	CERAMIC
OPERATING TEMPERATURE	:	-55°C TO +125°C

MARKINGS ON THE FUSE CAP SHOULD BE AS FOLLOWS:-

TYPE OF FUSE (F), FUSE RATING, RATED VOLTAGE (250V),
BREAKING CAPACITY (H) & COMPANY'S IDENTIFICATION

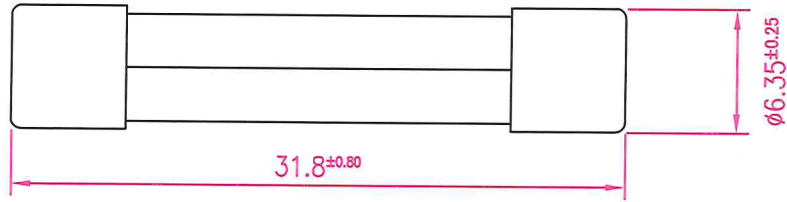
NOMINAL CURRENT (In)	2.1 In MAX.	2.75 In		4 In		10 In MAX.
		MIN.	MAX.	MIN.	MAX.	
100 mA-4A	60 min	70 mSec	5 Sec	10 mSec	150 mSec	10 mSec
5A-35A	60 min	150mSec	2 Sec	25 mSec	200 mSec	20 mSec



PROTECTRON ELECTROMECH (P) LTD

DESCRIPTION : 6.3x32, CERAMIC BODY FAST ACTING FUSE

PART NO: PAFC In



NOMINAL CURRENT RANGE (In)	VOLTAGE DROP DC (mV Max.)	NOMINAL MELTING I ² t (A ² sec)
100 mA	6000	--
125 mA	5500	--
150 mA	5000	--
160 mA	5000	--
200 mA	5000	--
250 mA	3500	--
300 mA	3000	--
315 mA	3000	--
350 mA	3000	--
400 mA	3000	--
500 mA	3000	0.1
630 mA	2500	0.2
750 mA	2200	--
800 mA	2200	0.2
1.0 A	1900	0.4
1.25 A	1600	1.5
1.5 A	1300	--
1.6 A	1300	1.0
2.0 A	1000	3.2
2.5 A	700	4.2

3.0 A	600	--
3.15 A	600	10.0
3.5 A	600	--
4.0 A	550	15.0
5.0 A	500	33.0
6.3 A	450	49.0
7.0 A	450	--
7.5 A	450	--
8.0 A	400	98.0
10.0 A	350	178.0
12.0 A	300	--
12.5 A to 35.0 A	250	--

ORDERING INFORMATION

PAFC... mA(In ≤ 800mA) OR
PAFC... A(In ≥ 1A)

A4	OPERATING TEMPERATURE ADDED	NAYANA	25.07.2023	<i>[Signature]</i>
A3	I ² t VALUES ADDED	RAMYA	05.03.2018	
A2	TOLERANCE UPDATED	VENILA	25.04.2015	
A1	RATING EXTENDED TILL 35A	SACHIN	29.01.2004	
A	ORIGINAL		14.07.2001	
REV.	DESCRIPTION	DRN. BY	DATE	CK'ED BY

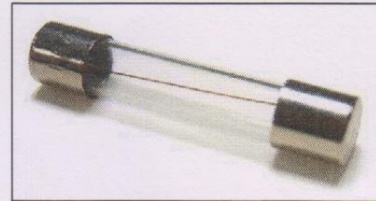
Projection: 	Scale: NTS	Sht. Size: A4	Gen. Tol.: ±0.1mm ±0.2'	ALL DIMENSIONS ARE IN MM. IF UNLESS OTHERWISE SPECIFIED.
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PROTECTRON ELECTROMECH (P) LTD

DESCRIPTION : 6.3x32, GLASS CARTRIDGE FAST ACTING FUSE

PART NO: PAF In



SPECIFICATIONS	:	IEC 60127-2 SHEET-IV
RATED VOLTAGE	:	250 V
BREAKING CAPACITY	:	35A OR 10 In WHICHEVER IS GREATER, WHEN TESTED WITH AC CURRENT
CAP	:	BRASS, Ni PLATED
BODY	:	GLASS

MARKINGS ON THE FUSE CAP SHOULD BE AS FOLLOWS:

TYPE OF FUSE (F), FUSE RATING, RATED VOLTAGE (250V),
BREAKING CAPACITY (L) & COMPANY'S IDENTIFICATION

ELECTRICAL CHARACTERISTICS:

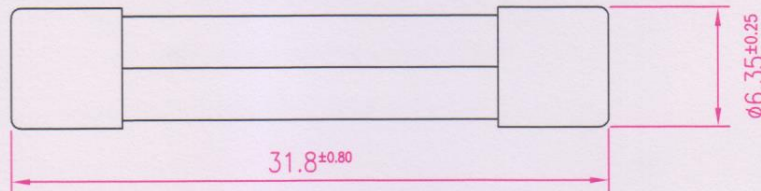
NOMINAL CURRENT (In)	2.0 In MAX.	2.75 In		4 In		10 In MAX.
		MIN.	MAX.	MIN.	MAX.	
100 mA	20 Sec	2 mSec	200 mSec	1 mSec	30 mSec	5 mSec
ABOVE 100 mA	20 Sec	20 mSec	1500 mSec	8 mSec	400 mSec	80 mSec



PROTECTRON ELECTROMECH (P) LTD

DESCRIPTION : 6.3x32, GLASS CARTRIDGE FAST ACTING FUSE

PART NO: PAF In



SL.NO	PEPL PART NUMBER	NOMINAL CURRENT RANGE (In)	VOLTAGE DROP DC (mV Max.)
1	PAF 0.1A	100 mA	6000
2	PAF 0.125A	125 mA	5500
3	PAF 0.15A	150 mA	5000
4	PAF 0.16A	160 mA	5000
5	PAF 0.2A	200 mA	5000
6	PAF 0.25A	250 mA	3500
7	PAF 0.3A	300 mA	3000
8	PAF 0.315A	315 mA	3000
9	PAF 0.35A	350 mA	3000
10	PAF 0.4A	400 mA	2500
11	PAF 0.5A	500 mA	2000
12	PAF 0.6A	600 mA	1800
13	PAF 0.63A	630 mA	1800
14	PAF 0.7A	700 mA	1500
15	PAF 0.8A	800 mA	1500
16	PAF 1A	1 A	500
17	PAF 1.25A	1.25 A	400
18	PAF 1.5A	1.5 A	400
19	PAF 1.6A	1.6 A	400
20	PAF 2A	2 A	300

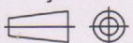
SL.NO	PEPL PART NUMBER	NOMINAL CURRENT RANGE (In)	VOLTAGE DROP DC (mV Max.)
21	PAF 2.5A	2.5 A	250
22	PAF 3A	3 A	250
23	PAF 3.15A	3.15 A	250
24	PAF 3.5A	3.5 A	250
25	PAF 4A	4 A	250
26	PAF 5A	5 A	200
27	PAF 6A	6 A	200
28	PAF 6.3A	6.3 A	200
29	PAF 7A	7 A	200
30	PAF 7.5A	7.5 A	200
31	PAF 8A	8 A	200
32	PAF 10A	10 A	200
33	PAF 12A	12 A	200
34	PAF 14A	14 A	200
35	PAF 15A	15 A	200
36	PAF 20A	20 A	200
37	PAF 25A	25 A	200
38	PAF 30A	30 A	200
39	PAF 35A	35 A	200

ORDERING INFORMATION

PAF... mA(In ≤ 800mA) OR
PAF... A(In ≥ 1A)

A6	TOLERANCE & DATASHEET UPDATED	GEETHA	17.12.2019		
A5	14A INCLUDED IN THE TABLE	VISHWA.P	06.08.2013		
A4	2.1 In CHANGED TO 2.0 In		08.05.2002		
A3	CURRENT RATING ADDED		22.10.2001		
A2	MARKING INFORMATION IS ADDED.		25.04.2015		
A1	3A, 12A & 15A RATINGS ARE INCLUDED TO TABLE DRAWING PAF In IS REDRAWN		03.03.2001		
A	ORIGINAL	PANKAJ	17.07.1999		
REV.	DESCRIPTION	DRN. BY	DATE	CK'ED BY	APP'D BY

Projection:



Scale: NTS

Sht. Size: A4

Gen. Tol.: ±0.1mm
±0.2°

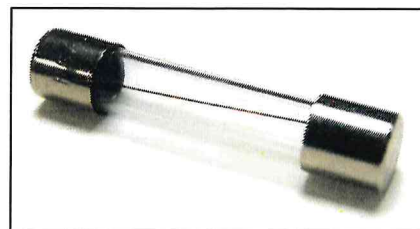
ALL DIMENSIONS ARE IN MM.
IF UNLESS OTHERWISE SPECIFIED.



PROTECTRON ELECTROMECH (P) LTD

DESCRIPTION : 6.3 x 32mm, GLASS CARTRIDGE TIME DELAY FUSE

PART NO: PAT In



SPECIFICATIONS	:	IEC 60127-2
RATED VOLTAGE	:	250 V
BREAKING CAPACITY	:	35 A OR 10 In WHICHEVER IS GREATER WHEN TESTED WITH AC CURRENT
CAP	:	BRASS, NICKEL PLATED
BODY	:	GLASS

MAXIMUM SUSTAINED DISSIPATION AT 1.5 In AFTER 1 HOUR

i) 100mA TO 1A	:	1.6W
i) 1.25A TO 2.5A	:	2.5W
ii) 3.15A TO 10A	:	4.0W

MARKINGS ON THE FUSE CAP SHOULD BE AS FOLLOWS:-

TYPE OF FUSE (T), FUSE RATING, RATED VOLTAGE (250V), BREAKING CAPACITY (L)
& COMPANY'S IDENTIFICATION

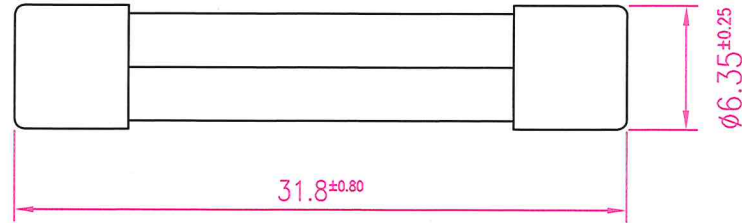
NOMINAL CURRENT (In)	2.1 In MAX.	2.75 In		4 In		10 In	
		MIN.	MAX.	MIN.	MAX.	MIN.	MAX.
100mA - 30A	120 Sec	200 mSec	10 Sec	100 mSec	3 Sec	20 mSec	300 mSec



PROTECTRON ELECTROMECH (P) LTD

DESCRIPTION : 6.3 x 32mm, GLASS CARTRIDGE TIME DELAY FUSE

PART NO: PAT In



NOTE: FOR MANUAL ASSEMBLY AND OUT SIDE SOLDERING TOTAL LENGTH 31.8 ± 0.80

SL.NO	PEPL PART NUMBER	NOMINAL CURRENT RANGE (In)	VOLTAGE DROP DC (mV Max.)
1	PAT 0.1A	100 mA	2500
2	PAT 0.125A	125 mA	2000
3	PAT 0.15A	150 mA	1700
4	PAT 0.16A	160 mA	1700
5	PAT 0.2A	200 mA	1200
6	PAT 0.25A	250 mA	900
7	PAT 0.3A	300 mA	650
8	PAT 0.315A	315 mA	650
9	PAT 0.35A	350 mA	650
10	PAT 0.4A	400 mA	600
11	PAT 0.5A	500 mA	510
12	PAT 0.6A	600 mA	200
13	PAT 0.63A	630 mA	200
14	PAT 0.8A	800 mA	110
15	PAT 1A	1 A	100
16	PAT 1.25A	1.25 A	100
17	PAT 1.5A	1.5 A	100
18	PAT 1.6A	1.6 A	100
19	PAT 2A	2 A	100
20	PAT 2.5A	2.5 A	100

SL.NO	PEPL PART NUMBER	NOMINAL CURRENT RANGE (In)	VOLTAGE DROP DC (mV Max.)
21	PAT 3A	3 A	100
22	PAT 3.15A	3.15 A	100
23	PAT 3.5A	3.5 A	100
24	PAT 4A	4 A	100
25	PAT 5A	5 A	100
26	PAT 6A	6 A	100
27	PAT 6.3A	6.3 A	100
28	PAT 7A	7 A	100
29	PAT 8A	8 A	100
30	PAT 10A	10 A	100
31	PAT 12A	12 A	100
32	PAT 15A	15 A	100
33	PAT 16A	16 A	100
34	PAT 20A	20 A	100
35	PAT 25A	25 A	100
36	PAT 30A	30 A	100

ORDERING INFORMATION

PAT... mA(In \leq 800mA) OR
 PAT... A(In \geq 1A)

Projection:



Scale: NTS

Sht. Size: A4

Gen. Tol.: ± 0.25 mm
 $\pm 2'$

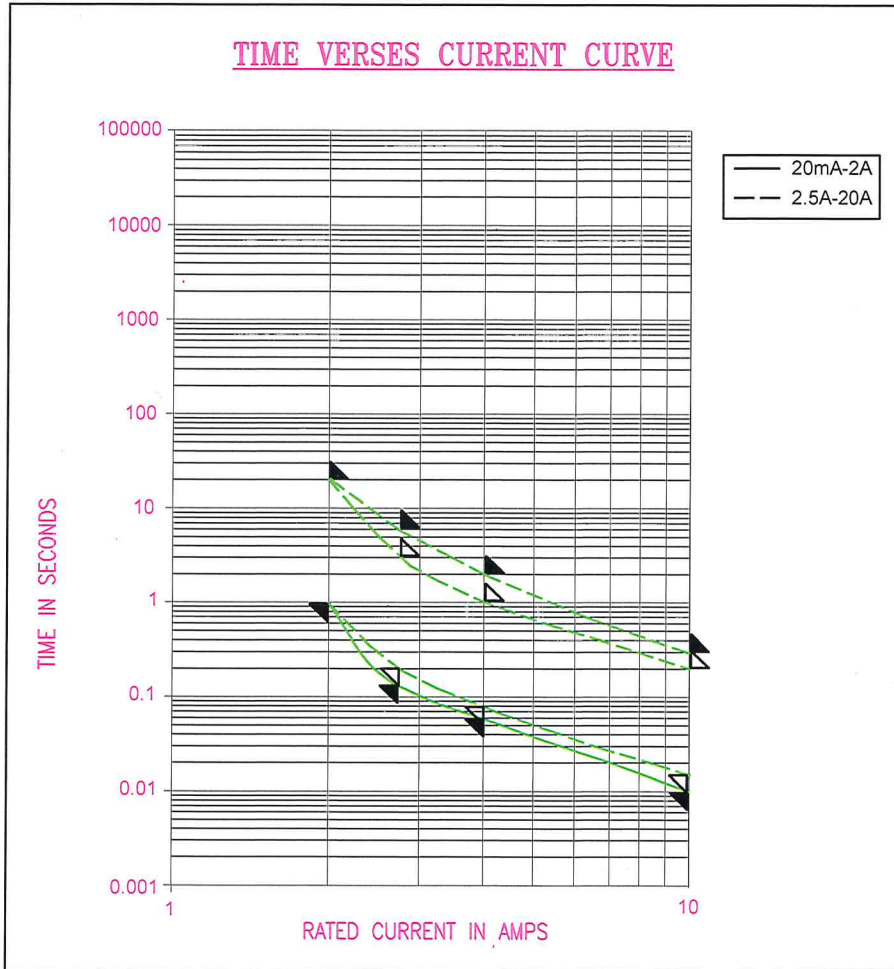
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IF UNLESS OTHERWISE SPECIFIED.



PROTECTRON ELECTROMECH (P) LTD

DESCRIPTION : 6.3 x 32mm, GLASS CARTRIDGE TIME DELAY FUSE

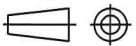
PART NO: PAT In



NOTE: HIGHER INTERRUPT RATING FUSES ARE AVAILABLE, PLEASE CONTACT FACTORY FOR THE CUSTOMIZED REQUIREMENT IF ANY

A8	20±0.5mm DIMENSION REMOVED	SWATHI H	29.07.2022	ND 29/7/22	<i>Swathi</i>
A7	NOTE ADDED	SWATHI H	10.09.2020		
A6	NOTE ADDED	GEETHA	17.08.2020		
A5	DATASHEET UPDATED	RAMYA	10.08.2018		
A4	TOLERANCE UPDATED	VENILA	27.04.2015		
A3	JSS STANDARD REPLACED BY IEC 60127-2	SUJATHA	17.10.2011		
A2	63,100,125,150,160,300,350,600,750mA,1.5,7,9,>10A INCLUDED		21.10.2004		
A1	MARKING INFORMATION IS ADDED & DRAWINGS IS REDRAWN		03.03.2001		
A	ORIGINAL		17.07.1999		
REV.	DESCRIPTION	DRN. BY	DATE	CK'ED BY	APP'D BY

Projection:



Scale: NTS

Sht. Size: A4

Gen. Tol.: ±0.25mm
±2°

ALL DIMENSIONS ARE IN MM.
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