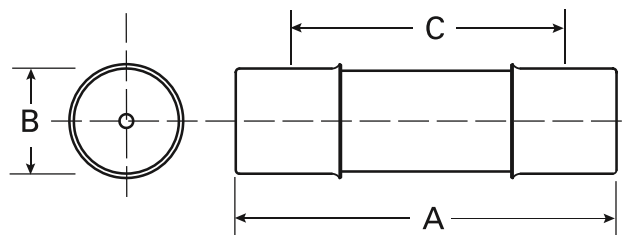


E-Rated PT medium voltage fuses



Dimensions — in (mm)



Catalog symbols (by maximum voltage rating)

- 2.475 kV
 - 2NCLPT-_
- 3.6 kV
 - 3.6ABCNA_
 - 3.6ABWNA_
 - 3.6CAV_
- 5.5 kV
 - JCW-_
 - 5CLPT-_E
 - 5NCLPT-_E
 - 5NCLPT-_E-A
 - 5.5ABWNA_E
 - 5.5AMWNA_E
 - 5.5CAV_E
 - 5.5CAVH_E
- 7.2 kV
 - 7.2ABWNA_
 - 7.2ABCNA_
 - 7.2AMWNA_E
 - 7.2CAV_
- 8.3 kV
 - 8CLPT-_E-A
 - 8NCLPT-_E
 - 8NCLPT-_E-A
 - 8NCLPT-_E-B
- 12 kV
 - 12ABCNA_
 - 12CAV_
- 15.5 kV
 - 15CLPT-_E
 - 15NCLPT-_E-A
 - 15NCLPT-_E-B
 - 15.5CAV_E
 - 15.5CAVH_E
- 17.5 kV
 - 17.5ABGNA_
 - 17.5CAV_
- 24 kV
 - 24ABGNA_
 - 24CAV_
- 25.5 kV
 - 25CLPT-_E
- 36 kV
 - 36ABGNA_
 - 36CAV_
- 38 kV
 - 38CAV_E
 - 38CAVH_E
 - 38CLPT-_E

Recommended fuseclip and block

Description	Catalog no.
Open fuseclip for 0.8 (20 mm) dia. fuses	1A1837
Single-pole open fuse block with #10-32 phil-slot screw terminals rated 2500 V, 5 A maximum and 63 kA withstand rating	PTFB-2500-JCD

Ratings*

- Volts 2.4 kV to 38 kV
- Amps 0.25 to 15 A
- Interrupting ratings 25 to 80 kA RMS Sym.

* See catalog number tables for voltages, ampacities and interrupting ratings by catalog number.

Agency information

- PT fuses conforming to the requirements for E-Rating meet the performance characteristics of IEEE/ANSI C37.46

Data sheet no. 6002

2.475 to 38 kV PT E-Rated fuses

	Dimensions — in (mm)			Catalog no. (IR - kA)		Recommended fuseclip	
Amps	Length A	Diameter B	Clip centers C	Indicating	Non-indicating		
2.475 kV maximum system voltage							
0.25	4.5 (114)	0.8 (20)	3.9 (99)	—	2NCLPT-.25E (63)	1A1837	
0.5				—	2NCLPT-.5E (63)		
1				—	2NCLPT-1E (40)		
2				—	2NCLPT-2E (40)		
5				—	2NCLPT-5E (25)		
3.6 kV maximum system voltage							
2	8.7 (221)	1.6 (41)	7.6 (193)	—	3.6CAV2 (50)	1A1837	
3.15	5.6 (142)	1 (25)	4.4 (112)	—	3.6ABWNA3.15 (50)	A3354705	
3.15	7.7 (195)		6.5 (165)	—	3.6ABCNA3.15 (50)		
6.3	5.6 (142)		4.4 (112)	—	3.6ABWNA6.3 (50)		
6.3	7.7 (195)		6.5 (165)	—	3.6ABCNA6.3 (50)		
10				—	3.6ABCNA10 (50)		
5.5 kV maximum system voltage							
0.5	5.6 (142)	0.8 (20)	4.8 (122)	—	5.5AMWNA0.5E (50)	1A1837	
0.5		1 (25)	4.4 (112)	—	5.5ABWNA0.5E (50)	A3354705	
0.5	7.4 (188)	1.6 (41)	6.2 (157)	5.5CAVH0.5E (50)	JCW-1/2E (40)	1A0835	
0.5	9.5 (241)	1.6 (41)	8.1 (206)	5CLPT-.5 (50) [†]	5NCLPT-.5E-A (50)	1A0835	
1	5.6 (142)	1 (25)	4.4 (112)	—	5.5ABWNA1E (50)	A3354705	
1		0.8 (20)	4.8 (122)	—	5.5AMWNA1.0E (50)	1A1837	
1	7.4 (188)	1.6 (41)	6.2 (157)	5.5CAVH1E (50)	JCW-1E (40)	1A0835	
1	9.5 (241)		8.1 (206)	5CLPT-1 (50) [†]	5NCLPT-1E-A (50)		
1.5				5CLPT-1.5 (50) [†]	—		
2	5.6 (142)	1 (25)	4.4 (112)	—	5.5ABWNA2E (50)	A3354705	
2		0.8 (20)	8.1 (206)	—	5NCLPT-2E (50)	1A1837	
2			4.8 (122)	—	5.5AMWNA2.0E (50)		
2			7.4 (188)	1.6 (41)	6.2 (157)	5.5CAVH2E (50)	JCW-2E (40)
3		5.6 (142)	1 (25)	4.4 (112)	—	5.5ABWNA3E (50)	A3354705
3	0.8 (20)		4.8 (122)	—	5.5AMWNA3.0E (50)	1A1837	
3	9.5 (241)	1.6 (41)	8.1 (206)	5CLPT-3E (50)	5NCLPT-3E (50)	1A0835	
3	7.4 (188)		6.2 (157)	—	JCW-3E (40)		
4	5.6 (142)	0.8 (20)	4.8 (122)	—	5.5AMWNA4.0E (50)	1A1837	
5	9.5 (241)	1.6 (41)	8.1 (206)	5CLPT-5E (50)	5NCLPT-5E-A (50)	1A0835	
5	5.6 (142)	1 (25)	4.4 (112)	—	5.5ABWNA5E (50)	A3354705	
5		0.8 (20)	4.8 (122)	—	5.5AMWNA5.0E (50)	1A1837	
5	7.3 (185)	1.6 (41)	5.9 (150)	—	JCW-5E (40)	1A0835	
10	9.5 (241)		8.1 (206)	5CLPT-10E (50)	5NCLPT-10E (50)		
15	7.4 (188)		6.2 (157)	—	5.5CAV15E (50)		

[†] Due to manufacturing variations, this fuse does not comply with ANSI C37.46 for "E" rating.

7 — Medium voltage fuses

2.475 to 38 kV PT E-Rated fuses

Dimensions — in (mm)			Catalog no. (IR - kA)			Recommended fuseclip
Amps	Length A	Diameter B	Clip centers C	Indicating	Non-indicating	
7.2 kV maximum system voltage						
0.5					7.2AMWNA0.5E (50)	
1	5.6 (142)	0.8 (20)	4.8 (122)		7.2AMWNA1.0E (50)	1A1837
2					7.2AMWNA2.0E (50)	
2	8.7 (221)	1.6 (41)	7.5 (190)		7.2CAV2 (40)	1A0835
3	5.6 (142)	0.8 (20)	4.8 (122)		7.2AMWNA3.0E (50)	1A1837
3.15	5.6 (142)	1 (25.4)	4.4 (112)		7.2ABWNA3.15 (45)	A3354705
3.15	7.7 (195)		6.5 (165)		7.2ABCNA3.15 (45)	
4	5.6 (142)	0.8 (20)	4.8 (122)	—	7.2AMWNA4.0E (50)	1A1837
4	8.7 (221)	1.6 (41)	7.5 (190)		7.2CAV4 (40)	1A0835
5	5.6 (142)	0.8 (20)	4.8 (122)		7.2AMWNA5E (50)	1A1837
6	8.7 (221)	1.6 (41)	7.5 (190)		7.2CAV6 (40)	1A0835
6.3	5.6 (142)	1 (25.4)	4.4 (112)		7.2ABWNA6.3 (45)	A3354705
6.3	7.7 (195)		6.5 (165)		7.2ABCNA6.3 (45)	
10	8.7 (221)	1.6 (41)	7.5 (190)		7.2CAV10 (40)	1A0835
8.3 kV maximum system voltage						
0.5	9.5 (241)	1.6 (41)	8.1 (206)	8CLPT-.5E (50) [†]	8NCLPT-.5E-A (50)	1A0835
1	5 (127)	1.1 (28)	4 (102)		8NCLPT-1E (50)	A3354705
1	9.5 (241)	1.6 (41)	8.1 (206)	—	8NCLPT-1E-A (50)	1A0835
2	8 (203)	0.8 (20)	7.2 (183)		8NCLPT-2E (25)	1A1837
2	9.5 (241)	1.6 (41)	8.1 (206)		8NCLPT-2E-A (50)	1A0835
3	12.9 (328)		11.5 (292)	8CLPT-3E (50)	8NCLPT-3E-B (50)	
4	8 (203)	0.8 (20)	7.2 (183)	—	8NCLPT-4E (25)	1A1837
5	5 (127)	1.1 (28)	4 (102)		8NCLPT-5E (50)	A3354705
5	12.9 (328)	1.6 (41)	11.5 (292)	8CLPT-5E (50)	8NCLPT-5E-B (50)	1A0835
8	5 (127)	1.1 (28)	4 (102)	—	8NCLPT-8E	A3354705
10	12.9 (328)	1.6 (41)	11.5 (292)	8CLPT-10E (50)	8NCLPT-10E-B (50)	1A0835
12 kV maximum system voltage						
2	8.7 (221)	1.6 (41)	7.5 (190)	—	12CAV2 (40)	1A0835
3.15	7.7 (195)	1 (25)	6.5 (165)		12ABCNA3.15 (45)	A3354705
15.5 kV maximum system voltage						
0.5	12.9 (328)	1.6 (41)	11.5 (292)	15.5CAVH0.5E (80)	15NCLPT-.5E-A (50)	1A0835
1	12.9 (328)		11.5 (292)	15.5CAVH1E (80)	15NCLPT-1E-A (50)	
2	12.9 (328)		11.5 (292)	15.5CAVH2E (80)	15NCLPT-2E (50)	
3	12.9 (328)		11.5 (292)	—	15.5CAV3E (80)	
3	17.6 (447)		16.1 (409)	—	15NCLPT-3E (50)	
3	17.6 (447)		16.1 (409)	15CLPT-3E (50)	—	
5	12.9 (328)		11.5 (292)	—	15.5CAV5E (80)	
5	17.6 (447)		16.1 (409)	15CLPT-5E (50)	15NCLPT-5E (50)	
7	12.9 (328)		11.5 (292)	—	15.5CAV7E (80)	
10	17.6 (447)		16.1 (409)	15CLPT-10E (50)	15NCLPT-10E (50)	
17.5 kV maximum system voltage						
2					17.5CAV2 (40)	
4	8.7 (221)	1.6 (41)	7.5 (190)	—	17.5CAV4 (40)	1A0835
6					17.5CAV6 (40)	
10					17.5CAV10 (40)	

† Does not comply with ANSI C3746 for "E" rating.

Data sheet no. 6002

2.475 to 38 kV PT E-Rated fuses

	Dimensions — in (mm)			Catalog no. (IR - kA)		Recommended fuseclip	
Amps	Length A	Diameter B	Clip centers C	Indicating	Non-indicating		
24 kV maximum system voltage							
2	13.49 (340)	1.6 (41)	12.2 (310)	—	24CAV2 (40)	1A0835	
3				—	24CAV3 (40)		
4				—	24CAV4 (40)		
25.5 kV maximum system voltage							
0.5	17.6 (447)	1.6 (41)	16.1 (410)	25CLPT-.5 (43.5) [†]	—	1A0835	
1				25CLPT-1 (43.5) [†]	—		
36 kV maximum system voltage							
2	17.3 (439)	1.6 (41)	16.1 (410)	—	36CAV2 (40)	1A0835	
4				—	36CAV4 (40)		
38 kV maximum system voltage							
0.5	17.3 (439)	1.6 (41)	16.1 (409)	38CAVH0.5E (40)	—	1A0835	
0.5	18.6 (472)		17.1 (434)	38CLPT-0.5 (43.5) [†]	—		
1	17.3 (439)		16.1 (409)	38CAVH1E (40)	—		
2				38CAVH2E (40)	—		
4				—	38CAV4E (40)		

[†] Does not comply with ANSI C37.46 for “E” rating.

CLPT Type mountings and hardware

			Catalog no.			
Amps	Fuse mounting type*	BIL (kV)	Mounting (including live parts, end fittings)**		Live parts (including end fittings)***	End fittings (disconnect only)
			Porcelain insulator	Glass-polyester insulator		
5.5 kV maximum (4.8 kV nominal)†						
0.5–10	Non-disconnect	60	5CLPT-PNM-A	5CLPT-GNM-A	CLPT-NL	—
	Disconnect††		5CLPT-PDM-A	5CLPT-GDM-A	CLPT-DL	CLPT-DF
8.3 kV maximum (7.2 kV nominal)†						
0.5–2	Non-disconnect	75	8CLPT-PNM-A	8CLPT-GNM-A	CLPT-NL	—
	Disconnect††		8CLPT-PDM-A	8CLPT-GDM-A	CLPT-DL	CLPT-DF
3–10	Non-disconnect		8CLPT-PNM-B	8CLPT-GNM-B	CLPT-NL	—
	Disconnect††		8CLPT-PDM-B	8CLPT-GDM-B	CLPT-DL	CLPT-DF
15.5 kV maximum (14.4 kV nominal)						
0.5–2	Non-disconnect	95	15CLPT-PNM-A	15CLPT-GNM-A	CLPT-NL	—
	Disconnect††		15CLPT-PDM-A	15CLPT-GDM-A	CLPT-DL	CLPT-DF
3–10	Non-disconnect		15CLPT-PNM-B	15CLPT-GNM-B	CLPT-NL	CLPT-DF
	Disconnect††		15CLPT-PDM-B	15CLPT-GDM-B	CLPT-DL	—
25.5 kV Maximum (23 kV Nominal)						
0.5–1	Non-disconnect	150	25CLPT-PNM-A	—	25CLPT-NL	—
	Disconnect††		25CLPT-PDM-A		25CLPT-DL	CLPT-DF
38 kV Maximum (34.5 kV Nominal)						
0.5	Disconnect††	N/A	Not applicable	Not applicable	CLPT-NL	CLPT-DF
	Non-disconnect		38CLPT-PNM-A		CLPT-DL	—

* See page 7-35 for dimensions and diagrams of typical mountings.

**End fittings supplied only when required.

[†] Refers to 5CLPT, 5NCLPT, 8CLPT and 8NCLPT-A or -B fuses only.

^{††}Disconnect mountings provide a means for fuse extraction only. Do not use a disconnect mounting for load switching or fuse removal while energized.