

Pre-molded terminations

Cable terminations

Elastimold cable terminations are available in a single-piece design. Terminators allow connection and transition from shielded, underground cable to bare overhead conductors and live-front equipment. Units are designed and rated per IEEE 48 for riser pole, padmount, indoor and outdoor applications. PCT1 and PCT2 terminators provide sufficient creep, strike and weather sealing for Class 1 outdoor service. PCT1 and PCT2 also include an integral cable jacket seal.

Voltage ratings

15 kV class

- 9.5 kV phase-to-ground
- 110 kV BIL 1.2 x 50 microsecond wave
- AC withstand:
 - 50 kV 1 min. – Dry
 - 35 kV 6 hr. – Dry
 - 45 kV 10 sec. – Wet
- 13 kV corona extinction

25 kV class

- 16 kV phase-to-ground
- 150 kV BIL 1.2 x 50 microsecond wave
- AC withstand:
 - 65 kV 1 min. – Dry
 - 55 kV 6 hr. – Dry
 - 60 kV 10 sec. – Wet
- 21.5 kV corona extinction

Electrical ratings summary

The following ratings summary is based on IEEE Standard 48 and applies to all the terminations on this page. Elastimold terminations are designed for use on three-phase systems, either 3-wire or 4-wire, and the single-phase laterals of these systems.

Cable terminations

	Description	Voltage class (kV)	Cat. no.	Notes
	Single-piece terminator (class 1)	15	PCT1-1X-4 Use table X9	N2, 3, 4, 5
		25	PCT2-1X-4 Use table X9	N2, 3, 4, 6
	Housing only	15	PCT1-4	N5
		25	PCT2-4	N6
	Rod contact for PCT	15/25	00700X Use table X9	N1, 3, 4
	Two-hole spade for PCT	All	01000X Use table X9	N1
	One-hole spade for PCT	All	01100X Use table X9	N1
	PCT positioning bracket	All	PB-1	N1, 7

N1. Use with PCT1 or PCT2 terminators.

N2. Includes rod contact as standard. Specify suffix "-3" in place of "-4" for two-hole spade lug. Specify suffix "-5" in place of "-4" for one-hole spade lug.

N3. Use 1X for an aluminum rod contact for aluminum conductors only.

N4. Substitute 0X for 1X for a universal aluminum rod contact for aluminum or copper conductors.

N5. Use for insulation dia. range from 0.640" thru 1.070".

N6. Use for insulation dia. range from 0.830" thru 1.180".

N7. Fits overall cable O.D. from 0.750" to 1.625".

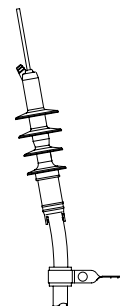
Terminations



PCT1



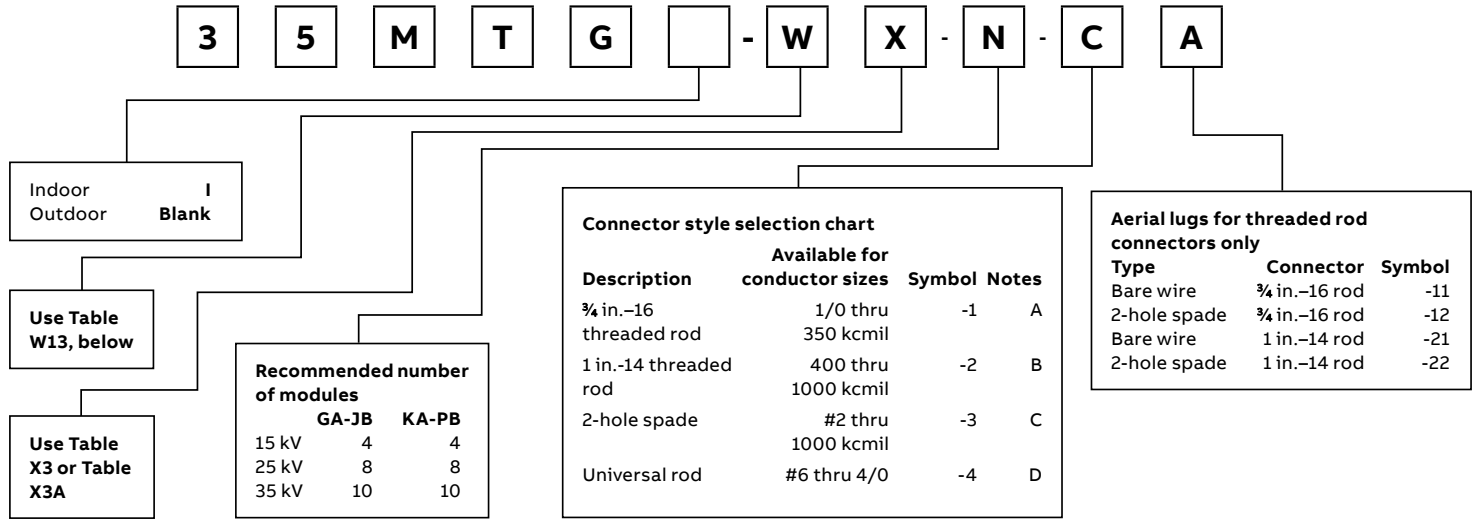
PCT2



PB-1

Cable terminations

Ordering instructions for modular terminators



Note: Applicable table and available sizes depend upon connector style. Reference Connector Style Selection Chart and notes A through D.

- Notes
- A. Available for 1/0 through 350 conductor sizes only. Use Table X3 for size selection.
 - B. Available for 400 through 1000 conductor sizes only. Use Table X3A for size selection.
 - C. Available for #2 through 1000 conductor sizes only. Use Table X3 for size selection.
 - D. Available for #6 through 4/0 conductor sizes only. Use Table X3 for size selection.

Table W13

	Cable insulation diameter in (in.)		Symbol for W
	Min.	Max.	
Table W13 use for following products	0.775	0.885	GA
35MTG	0.825	0.935	GAB
35MTGI	0.875	0.985	GB
	0.930	1.040	GH
	0.980	1.115	HA
	1.040	1.175	HAB
	1.095	1.240	HB
	1.160	1.305	HJ
	1.220	1.375	JA
	1.285	1.395	JAB
	1.355	1.520	JB
	1.485	1.595	KA
	1.530	1.640	KAB
	1.575	1.685	KB
	1.665	1.785	PA
	1.755	1.875	PB

Table X3

	Conductor size AWG or kcmil	Symbol for X	
		Strand./compr.	Compt./Solid
Table X3 use for following products	#6	5	-
35MTG	#5	4	5
	#4	3	4
	#3	2	3
For use with style-1,-3, and -4 connectors only.	#2	1	2
	#1	0	1
	1/0	10	0
	2/0	20	10
	3/0	30	20
See notes A, C, and D for application information	4/0	40	30
	250	250	40
	300	300	250
	350	350	300
	400	400	350
	450	450	-
	500	500	400
	550	550	450
	600	600	500
	650	650	550
	700	750	600
	750	750	650
	800	800	750
	900	900	800
	1000	1000	900









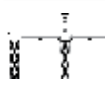



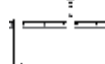
Table X3A

	Conductor size AWG or kcmil	Symbol for X	
		Strand./compr.	Compt./Solid
Table X3A use for following products	400	400	-
35MTG	450	450	400
	500	500	450
	550	550	500
	600	600	500
For use with style-2 connectors only.	650-700	650	550
	750	750	600
	800	750	650
	1000	1000	-
See notes B for application information			

Cable terminations

Terminations

Terminations

Illustration (not to scale)	Description	Voltage class	Cat. no.	Notes
	PCT positioning bracket	All	PB-1	N1, 12
	16THG bracket	All	16TB-2	N6
	Bracket for crossarm 16THG	All	16TB-3	N6
	Bracket for riser pole mounting 16THG	All	16TB-4	N6
	Bracket for tri-mounting 16THG	All	16TB-5	N6
	Kellums grip bracket	All	35MTB1-A	N1, 2, 6, 7
		All	35MTB1-B	N1, 3, 6, 7
		All	35MTB1-C	N1, 4, 6, 7
		All	35MTB1-D	N1, 5, 6, 7
	Kellums bracket for crossarm mounting	All	35MTB3-A	N1, 2, 6, 7
		All	35MTB3-B	N1, 3, 6, 7
		All	35MTB3-C	N1, 4, 6, 7
		All	35MTB3-D	N1, 5, 6, 7
	Bracket (for riser pole mounting)	All	35MTB4-A	N1, 2, 6, 7
		All	35MTB4-B	N1, 3, 6, 7
		All	35MTB4-C	N1, 4, 6, 7
		All	35MTB4-D	N1, 5, 6, 7
	Kellums bracket for tri-mounting	All	35MTB5-A	N1, 2, 6, 7
		All	35MTB5-B	N1, 3, 6, 7
		All	35MTB5-C	N1, 4, 6, 7
		All	35MTB5-D	N1, 5, 6, 7
	Aluma form bracket	All	1535AFB-1	N1, 6, 7, 13
	Aluma form bracket for crossarm mounting	All	1535AFB-3	N1, 6, 7, 13
	Aluma form bracket for riser-pole mounting	All	1535AFB-4	N1, 6, 7, 13
	Aluma form bracket for tri-mounting	All	1535AFB-5	N1, 6, 7, 13

N1. Use with PCT-1 or PCT-2 terminators.

N2. Fits overall cable O.D. from 1.195 in. to 1.625 in.

N3. Fits overall cable O.D. from 0.925 in. to 1.335 in.

N4. Fits overall cable O.D. from 0.890 in. to 1.185 in.

N5. Fits overall cable O.D. from 1.500 in. to 2.000 in.

N6. Use with 16THG and 16THGS terminators.

N7. Use with MTG, MTG1 and MSC terminators.

N8. For conductors from 1/0 thru 350 kcmil.

N9. For conductors from 400 kcmil thru 1000 kcmil.

N10. For conductors from #2 to 1000 kcmil.

N11. For conductors from #6 thru 4/0.

N12. Fits overall cable O.D. from 0.750 in. to 1.625 in.

N13. Fits overall cable O.D. from 0.750 in. to 2.000 in.