

PCORE® QUICK-LINK BUSHINGS 25KV - 138KV

The PCORE Quick-Link Bushing is a patented design to assist electric utilities and power transformer manufacturers when they are faced with having to use a bottom-connected bushing to carry higher application currents of 1,200A or more with the convenience of a draw-lead bushing. The use of a Quick-Link bushing allows for a simpler and quicker field installation and removal of a bushing, just like a traditional draw-lead bushing. For new applications, this would allow the transformer to be shipped with the bottom connection in place, which can save thousands of dollars in field service work.

STANDARD FEATURES:

- Installation and removal similar to “draw lead” type bushings.
- Proven multiple contact connector transferring current from bottom terminal to the bushing conductor.
- PCORE Quick-Link mechanism can withstand short circuit current of up to 25 times the rated current.
- The Quick-Link system has been proven to maintain its full rating after more than 500 operations.
- The Quick-Link system has no internal connections that could become loose or overheat.
- Installation is made by simply connecting the rod and pulling through the bushing.
- No special tools or specific torque values are required. Overall bushing diameter is reduced because the current is carried by the bushing rather than a draw-lead or draw-rod.
- The Quick-Link rod is much lighter weight than typical draw-leads or draw-rods, making installation and removal more convenient.

Voltage Class (kV)	PCORE Quick-Link Bushing Catalog No.	Type	Current Rating (Amps)	BIL (kV)	Min. Oil Level	Min. Creep-age	Min. Strike Distance	Overall Length	Length Above Flange	Length Below Flange	“D” Max	Top Terminal		Bottom Terminal Characteristics	Sealing Surface		Flange Details		
												Thd. Size	Min. Usable		I.D.	O.D.	No. of Holes	Bolt Circle	O.D.
25	B-88713-200-70	POC	1200	150	21.00	19.50	11.00	56.56	20.50	36.06	3.12	11/2-12	2.50	2-Hole Blade - Vertical Orientation - 1.75 Hole Spacing	4.00	6.25	4	7.25	8.50
	B-88723-204-70	POC	2000	150	21.00	20.00	11.00	56.94	20.88	36.06	4.00	2-12	2.50	2-Hole Blade - Vertical Orientation - 1.75 Hole Spacing	5.00	7.25	4	8.25	10.00
	B-89293-200-70	PRC	1200	150	21.00	31.00	13.00	56.62	20.62	36.00	3.12	11/2-12	2.50	2-Hole Blade - Vertical Orientation - 1.75 Hole Spacing	3.38	6.25	4	7.25	8.50
	B-89253-200-70	PRC	2000	150	21.00	27.50	14.00	56.62	20.62	36.00	4.00	2-12	2.50	2-Hole Blade - Vertical Orientation - 1.75 Hole Spacing	4.50	6.25	4	7.25	10.62
	B-88753-218-70	POC	5000	150	21.00	30.00	14.00	56.75	23.75	33.00	6.50	4-12	2.50	6-Hole Blade - Horizontal Orientation - 1.25 Hole Spacing	7.00	9.25	6	10.25	13.25
34.5	B-88813-200-70	POC	1200	200	21.00	30.00	14.00	62.19	24.12	38.06	3.50	11/2-12	2.50	2-Hole Blade - Vertical Orientation - 1.75 Hole Spacing	4.00	6.25	4	7.25	8.50
	B-89393-200-70	PRC	1200	200	21.00	41.00	17.00	62.12	24.12	38.00	3.12	11/2-12	2.50	2-Hole Blade - Vertical Orientation - 1.75 Hole Spacing	3.38	6.25	4	7.25	8.50
	B-89353-200-70	PRC	2000	200	21.00	37.50	17.00	62.12	24.12	38.00	4.00	2-12	2.50	2-Hole Blade - Vertical Orientation - 1.75 Hole Spacing	4.50	6.25	4	7.25	10.62
46	B-88913-200-70	POC	1200	250	21.00	37.50	18.00	68.75	28.69	40.06	4.00	11/2-12	2.50	2-Hole Blade - Vertical Orientation - 1.75 Hole Spacing	5.00	7.25	4	8.25	10.00
	B-89493-200-70	PRC	1200	250	21.00	49.00	21.00	68.62	28.62	40.00	4.00	11/2-12	2.50	2-Hole Blade - Vertical Orientation - 1.75 Hole Spacing	4.50	7.25	4	8.25	10.62
	B-89453-200-70	PRC	2000	250	21.00	49.00	21.00	68.62	28.62	40.00	4.00	2-12	2.50	2-Hole Blade - Vertical Orientation - 1.75 Hole Spacing	4.50	7.25	4	8.25	10.62
69	B-88013-200-70	POC	1200	350	21.00	54.00	24.00	79.12	35.06	44.06	5.25	11/2-12	2.50	2-Hole Blade - Vertical Orientation - 1.75 Hole Spacing	6.00	5.25	6	9.25	11.00
	B-89593-200-70	PRC	1200	350	21.00	69.50	30.00	80.88	36.88	44.00	4.00	11/2-12	2.50	2-Hole Blade - Vertical Orientation - 1.75 Hole Spacing	4.50	8.25	6	9.25	10.62
	B-89553-200-70	PRC	2000	350	21.00	69.50	30.00	80.88	36.88	44.00	5.00	2-12	2.50	2-Hole Blade - Vertical Orientation - 1.75 Hole Spacing	5.00	8.25	6	9.25	10.62
115	POC550G1216CSX216	POC	1200	550	23.00	100.00	45.50	106.75	57.88	48.88	7.38	11/2-12	2.00	2-Hole Blade - Horizontal Orientation - 1.75 Hole Spacing	7.38	11.88	6	13.25	15.25
	POC550G1216CSX217	POC	1200	550	23.00	100.00	45.50	108.50	57.88	50.62	7.38	11/2-12	2.00	2-Hole Blade - Vertical Orientation - 1.75 Hole Spacing	7.38	11.88	6	13.25	15.25
	POC550G2000CSX216	POC	2000	550	23.00	100.00	45.50	106.75	57.88	48.88	7.38	11/2-12	2.00	2-Hole Blade - Horizontal Orientation - 1.75 Hole Spacing	7.38	11.88	6	13.25	15.25
	POC550G2000CSX217	POC	2000	550	23.00	100.00	45.50	108.50	57.88	50.62	7.38	11/2-12	2.00	2-Hole Blade - Vertical Orientation - 1.75 Hole Spacing	7.38	11.88	6	13.25	15.25
138	POC650G1216CSX216	POC	1200	650	23.00	126.00	54.00	119.25	66.63	52.62	8.00	11/2-12	2.00	2-Hole Blade - Horizontal Orientation - 1.75 Hole Spacing	8.00	12.88	6	14.25	16.25
	POC650G1216CSX217	POC	1200	650	23.00	126.00	54.00	121.00	66.63	54.38	8.00	11/2-12	2.00	2-Hole Blade - Vertical Orientation - 1.75 Hole Spacing	8.00	12.88	6	14.25	16.25

Notes: 1) All Dimensions on table are in inches.



PCORE QUICK-LINK BUSHING
POC550G1216CSX21
(BOTTOM CORONA SHIELD NOT SHOWN IN PHOTO)



CUT-AWAY VIEW OF THE QUICK-LINK BUSHING BOTTOM TERMINAL ON PRC BUSHING



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