

**celeco**®

**POLYMER SURGE ARRESTER**  
Distribution Class

HEAVY DUTY & RISER POLE TYPE

# POLYMER SURGE ARRESTER

## Distribution Class

Arresters are protection devices designed to limit overvoltage transient waves caused by a temporary current discharge.

**Celeco**<sup>®</sup> arresters are manufactured in Monterrey, Mexico with the highest quality components according IEC60099-4 & IEEE C62.11, and for safety with a non-fragmenting design.

### Heavy Duty distribution arrester

The **Celeco**<sup>®</sup> heavy duty arresters are designed to limit over voltage with MOV's, without gap and silicon body to protect the electric equipment, transformers and networks.

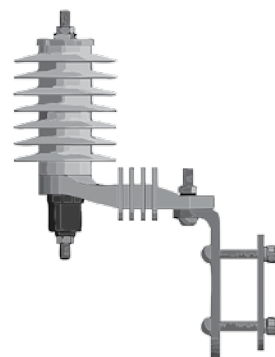


Figure 1.  
NEMA cross-arm.

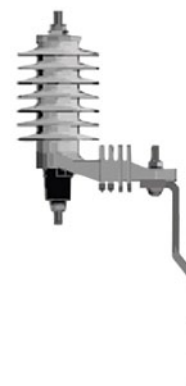


Figure 2.  
Transformer bracket.

### TECHNICAL DATA

ITEM FIGURE No. 1	ITEM FIGURE No. 2	REFERENCE CODE	ARRESTER RATING (kV rms)	MCOV	WEIGHT (lb) Figure No.1/Figure No.2	MINIMUM CREEP DISTANCE (in)
B1929	B1867	HSCEL9	9	7.65	6.7/4.3	14.26
B1930	B1868	HSCEL10	10	8.4	6.8/4.4	14.26
B1931	B1869	HSCEL12	12	10.2	7.2/4.8	16.54
B1932	B1925	HSCEL15	15	12.7	8.3/5.9	25.59
B1933	B1870	HSCEL18	18	15.3	8.5/6.1	25.59
B1934	B1871	HSCEL21	21	17	8.7/6.3	25.59
B1935	B1872	HSCEL27	27	22	10.0/7.6	33.46
B1936	B1873	HSCEL30	30	24.4	10.2/7.8	33.46

**NOTE:** If you do not see a hardware configuration or you have a special request for your intended application please contact any of our representatives.

ITEM	VOLTAGE RATING (kV)	HOUSING INSULATION WITHSTAND VOLTAGE			MAX. DISCHARGE VOLTAGE (kV-CREST)							
		LIGHTING IMPULSE 1.2/50 μs kV CREST	WET POWER FREQUENCY (kV rms)	DRY POWER FREQUENCY (kV rms)	FOW	08/20 μs CURRENT IMPULSE						SWITCHING SURGE
						1.5 kA	3.0 kA	5 kA	10 kA	20 kA	40 kA	
B1929/B1867	9	110	24	27	30.6	21.9	23.2	24.5	26.7	30	34.7	24
B1930/B1868	10	110	24	27	33.6	25.2	26.7	28.2	30.7	34.5	39.9	29
B1931/B1869	12	125	27	31	40.8	32.6	34.5	36.5	39.7	44.6	51.6	35
B1932/B1925	15	150	36	42	51.0	39.0	41.3	43.6	47.5	53.4	62.9	44
B1933/B1870	18	150	36	42	61.2	43.8	46.5	49.1	53.4	60.0	69.4	53
B1934/B1871	21	150	36	42	71.4	51.1	54.2	57.2	62.3	70.0	81.0	61
B1935/B1872	27	200	60	70	91.8	65.7	69.7	73.6	80.1	90.0	104.4	79
B1936/B1873	30	200	60	70	102	73.0	77.4	81.8	89.0	100.0	115.7	87



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