

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[®] 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**[®] 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.

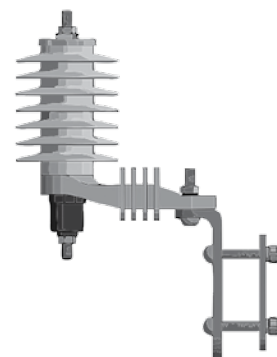


Figure 1.
NEMA cross-arm.

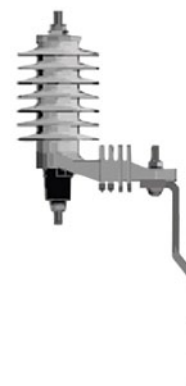


Figure 2.
Transformer bracket.

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	08/20μs 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

RISER POLE ARRESTER Distribution Class

Celeco® Riser Pole Arresters are also devices designed to Limit overvoltage transient waves caused by a temporary current discharge, they are usually connected to the lines on one end, and to ground on the other. This type of arresters improve the overvoltage protection and residual voltage, are designed for underground networks.

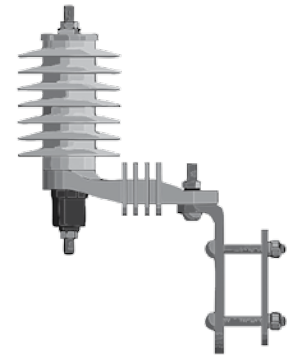


Figure 1.
NEMA cross-arm.

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)
B1937	B1928	RPCEL9	9	7.65	6.7 / 4.3	14.26
B1938	B1914	RPCEL10	10	8.4	6.8 / 4.4	14.26
B1939	B1915	RPCEL12	12	10.2	7.2 / 4.8	16.54
B1940	B1927	RPCEL15	15	12.7	8.3 / 5.9	25.59
B1941	B1916	RPCEL18	18	15.3	8.5 / 6.1	25.59
B1942	B1917	RPCEL21	21	17	8.7 / 6.3	25.59
B1943	B1918	RPCEL27	27	22	10.0 / 7.6	33.46
B1944	B1919	RPCEL30	30	24.4	10.2 / 7.8	33.46



Figure 2.
Transformer bracket.

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	08/20μs CURRENT IMPULSE						SWITCHING SURGE
						1.5 kA	3.0 kA	5 kA	10 kA	20 kA	40 kA	
B1937/B1928	9	110	24	27	28	21.0	21.8	22.8	24.5	27.1	31.5	19.0
B1938/B1914	10	110	24	27	31	23.0	24.1	25.2	27.0	29.5	33.4	22.2
B1939/B1915	12	125	27	31	40	29.5	30.9	32.2	34.6	37.8	43.3	24.3
B1940/B1927	15	150	36	42	47	34.8	36.2	37.7	40.5	45.0	52.0	32.1
B1941/B1916	18	150	36	42	59	42.1	43.9	45.7	49.2	53.8	61.1	36.9
B1942/B1917	21	150	36	42	62	47.2	49.3	51.2	55.1	60.3	68.2	41.7
B1943/B1918	27	200	60	70	82	60.5	63.0	65.5	71.1	78.6	90.4	54.2
B1944/B1919	30	200	60	70	91	67.8	70.8	73.7	79.9	88.3	100.5	62.6



Bld. Carlos Salinas de Gortari km 9.5
Apodaca, Nuevo Leon, CP 66600 Mexico
Tel. (01) 81 8030 2509, 81 8030 2284

www.celeco.com.mx