



SURGE ARRESTERS & **ACCESSORIES**

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SURGE ARRESTERS & ACCESSORIES

Indoor Distribution High Class (DH) Class 1 - Model DA1



- Conforms to IEC 60099-4
- Range from 3kV to 15kV
- Distribution High Class (DH) (Class 1)
- Low residual Voltage
- Safe non-shattering short circuit behavior to higher current levels
- Direct moulded housing to prevent moisture ingress
- Hydrophobic silicone housing (Tracking and erosion resistant)
- Excellent cantilever and tensile performance

System Voltage	Rating	LD Class	Model
3.3 kV	4kV, 10kA	Distribution High (DH) (Class 1)	DA1 (Housing A - 147mm creepage)
6.6 kV	6kV, 10kA		
	7.2kV, 10kA		
11 kV	10kV, 10kA		
	12kV, 10kA		
	15kV, 10kA		

Indoor Station Low Class (SL) Class 2 - MODEL MCPA2



- Conforms to IEC 60099-4
- Range from 3kV to 15kV
- Station Low Class (SL) (Class 2)
- Low residual Voltage
- Safe non-shattering short circuit behavior to higher current levels
- Direct moulded housing to prevent moisture ingress
- Hydrophobic silicone housing (Tracking and erosion resistant)
- Excellent cantilever and tensile performance

System Voltage	Rating	LD Class	Model
3.3 kV	3kV, 10kA	Station Low (SL) (Class 2)	MCPA2 (Housing A - 147mm creepage)
6.6 kV	6kV, 10kA		
	7.2kV, 10kA		
11 kV	9kV, 10kA		
	12kV, 10kA		
	15kV, 10kA		

SURGE ARRESTERS & ACCESSORIES

Indoor Station Medium Class (SM) Class 3 - Model PCA



- Conforms to IEC 60099-4
- Range from 6kV to 36kV
- Station Medium Class (SM) (Class 3)
- Low residual Voltage
- Safe non-shattering short circuit behavior to higher current levels
- Direct moulded housing to prevent moisture ingress
- Hydrophobic silicone housing (Tracking and erosion resistant)
- Excellent cantilever and tensile performance

System Voltage	Rating	LD Class	Model
6.6 kV	6kV, 10kA	Station Medium Low (SM) (Class 3)	PCA (Housing 0 - 208mm creepage)
11 kV	9kV, 10kA		
	12kV, 10kA		
	15kV, 10kA		
22 kV	18kV, 10kA		PCA (Housing 1 - 377mm creepage)
33 kV	30kV, 10kA		
	36kV, 10kA		

Note: all indoor station class surge arrester models are without bracket and disconnector.

Outdoor Distribution High Class (DH) Class 1 - Model DOV



- Conforms to IEC 60099-4
- Range from 3kV to 36kV
- Distribution High Class (DH) (Class 1)
- Low residual Voltage
- Safe non-shattering short circuit behavior to higher current levels
- Direct moulded housing to prevent moisture ingress
- Hydrophobic silicone housing (Tracking and erosion resistant)
- Excellent cantilever and tensile performance

System Voltage	Rating	LD Class	Model
11 kV	9kV, 10kA	Class DH	DOV (Housing type A - 405 mm creepage)
	12kV, 10kA		
	15kV, 10kA		
22 kV	18kV, 10kA		DOV (Housing type B - 697 mm creepage)
33 kV	30kV, 10kA		DOV (Housing type D - 945 mm creepage)
	36kV, 10kA		DOV (Housing type E - 1128 mm creepage)

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Outdoor Station Low Class (SL) Class 2 - Model OCP2



- Conforms to IEC 60099-4
- Range from 6kV to 45kV
- Station Low Class (SL) (Class 2)
- Low residual Voltage
- Safe non-shattering short circuit behavior to higher current levels
- Direct moulded housing to prevent moisture ingress
- Hydrophobic silicone housing (Tracking and erosion resistant)
- Cage Construction: Excellent cantilever and tensile performance

System Voltage	Rating	LD Class	Model
11 kV	10kV, 10kA	Station Low (SL) (Class 2)	OCP2 (Housing type S- 380mm creepage)
22 kV	18kV, 10kA		OCP2 (Housing type L- 758mm creepage)
33 kV	30kV, 10kA		OCP2 (Housing type L- 900mm creepage)
	36kV, 10kA		OCP2 (Housing type M- 970mm creepage)
	38.75kV, 10kA		
	45kV, 10kA		
	36kV, 10kA		OCP2 (Housing type ML- 1125mm creepage)

Outdoor Station Low Class (SL) Class 2 - Model PAA



- Conforms to IEC 60099-4
- Range from 60kV to 216kV
- Station Low Class (SL) (Class 2)
- Low residual Voltage
- Safe non-shattering short circuit behavior to higher current levels
- Direct moulded housing to prevent moisture ingress
- Hydrophobic silicone housing (Tracking and erosion resistant)
- Cage Construction : Excellent cantilever and tensile performance

System Voltage	Rating	LD Class	Model	Terminal Type
66 kV	60kV, 10kA	Station Low (SL) (Class 2)	PAA11 (1940mm creepage)	Surge arrester with base and L5 terminal connector
110 kV	96kV, 10kA		PAA333 (3837mm creepage)	
132 kV	120kV, 10kA			

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Outdoor Distribution Medium Class (SM) Class 3 - Model PCA



- Conforms to IEC 60099-4
- Range from 6kV to 216kV
- Station Low Class (SL) (Class 3)
- Low residual Voltage
- Safe non-shattering short circuit behavior to higher current levels
- Direct moulded housing to prevent moisture ingress
- Hydrophobic silicone housing (Tracking and erosion resistant)
- Cage Construction: Excellent cantilever and tensile performance

System Voltage	Rating	LD Class	Model	Terminal Type
11kV	9kV, 10kA	Station Medium (SM) (Class 3)	PCA1 (1100mm creepage)	Surge arrester with base and L2 terminal connector
33kV	30kV, 10kA		PCA2 (1815mm creepage)	Surge arrester with base and L5 terminal connector
	36kV, 10kA			
66kV	60kV, 10kA		PCA2L2L (3730mm creepage)	
110kV	96kV, 10kA		PCA2L2L2L1 (6695mm creepage)	
132kV	120kV, 10kA			
220kV	198kV, 10kA			
	216kV, 10kA			

Outdoor Distribution Class - Model PSO



- Conforms to IEC 60099-4
- Range 3kV to 9kV 5kA, LD 75A, 1000µSec
- Direct moulded housing to prevent moisture ingress
- Hydrophobic silicone housing (Tracking and erosion resistant)
- Low residual Voltage

System Voltage	Rating	LD Class	Model
11kV	9 kV, 5kA	75A, 1000 µSec	PSO (DM) (300mm Creepage)

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Outdoor Distribution Medium Class (DM)- Model DA0



- Conforms to IEC 60099-4
- Range from 3kV to 18kV, LD 150A, 1000µSec, Distribution medium class
- Safe non-shattering short circuit behavior to higher current levels
- Direct moulded housing to prevent moisture ingress
- Hydrophobic silicone housing (Tracking and erosion resistant)
- Excellent cantilever and tensile performance

System Voltage	Rating	Model	LD Class
6.6 kV	6kV, 5kA	DA0 (320mm Creepage)	Distribution Medium (DM)
11 kV	9kV, 5kA		
	12kV, 5kA		
22 kV	18kV, 5kA		

Surge Counter SC12



- No auxiliary supply required
- Weather proof sealed model
- High degree of resistance to corrosion

Surge Monitor SC13



- No auxiliary supply require
- Weather proof sealed model
- High degree of resistance to corrosion
- Leakage measurement scale for leakage current

Surge Monitor SC13AC



- No auxiliary supply required
- Weather proof sealed model
- High degree of resistance to corrosion
- Leakage measurement scale for leakage current
- With NO/NC contact

Surge Monitor SC003



- No auxiliary supply required
- Weather proof sealed model
- High degree of resistance to corrosion

Description

SC003 Surge Counter with Leakage current Indicator (0-5mA)

SC12 Surge Counter

SC13 Surge Counter with Leakage current Indicator (0-30mA)

SC13/AC Surge Counter with Leakage current Indicator and with auxiliary contact

Low Voltage Surge Arresters

Provide protection for LV overhead lines, consumer in-house supplies, distribution transformers and other appliances



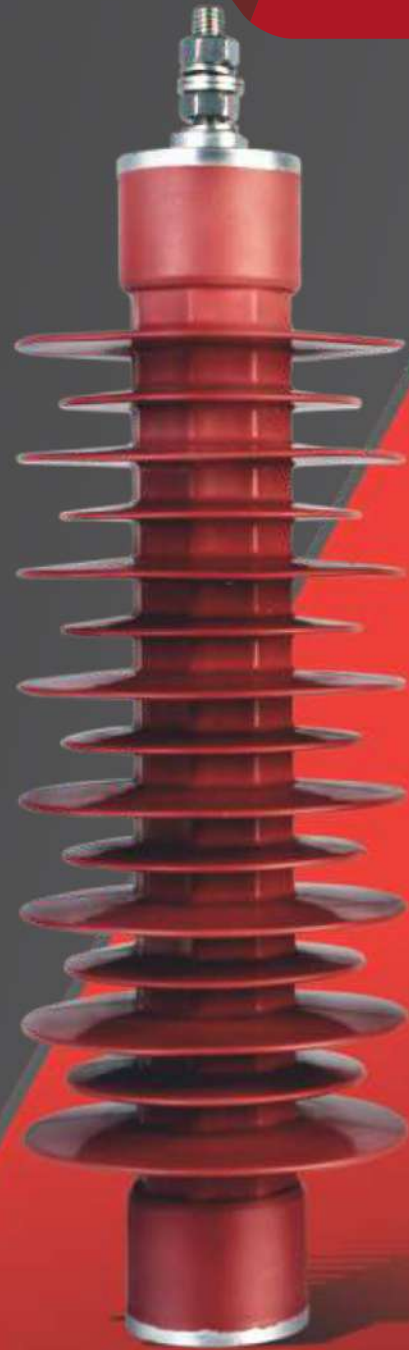
Medium Voltage Surge Arresters

For indoor and outdoor applications, for protection of overhead lines, DC locomotives, switchgear applications and motor protection



High Voltage Surge Arresters

For protection of transmission systems up to 800 kV



Power Cable Corporation

(ISO 9001)

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