



Specification for Transient Tracking System 3 Surge Diverter - SDE4 - xxx Series (Metal Enclosure)

Specification			
Power ratings: AC voltage ratings Optional Voltages and 3 or 4 wire connection Frequency Power System Leakage Current Operating Time	3 4 wire (Star) 3 4 wire (Delta) TT, TN-S, TN-C, TN-C-S(MEN) From Line to Earth Nano Seconds	110/200, 240/415 and 275/480 200, 415, 480 50 or 60 Hz 3mA Maximum < 1ns	
Surge Diverter Module (SDM-xxxK): Primary Surge Diverters ratings Surge Waveform KA (8/20 s) Modes of Protection** Primary and Secondary Surge Diverters **See SDM Brochure Maximum Continuous Operation Voltage Multipulse Capability	Standard Special Build Special Build Standard Optional RMS AC Voltage	80, 100, 140, 160, 200, 300kA per mode** 200KA and 300KA 50KA 10/350 s L1~N, L2~N, L3~N and N~E L1~L2, L2~L3, L3~L1 or L1~E, L2~E, L3~E 500VAC Yes	
Surge Performances 8/20 s: Optional surge Diverter Module Let-through voltage	SDM-160K-P-RR SDM-140K-P-RR SDM-100K-P-RR SDM-080K-P-RR	Cat B (3KA) - 600V Cat C (20KA) - 800V Cat B (3KA) - 600V Cat C (20KA) - 800V Cat B (3KA) - 600V Cat C (20KA) - 800V Cat B (3KA) - 600V Cat C (20KA) - 800V	
	Relay Contacts Isolation Voltage LED Indication	N.O. 5Amp.240VAC Rated 4KV Power and Surge Diverter Status (On = OK, Off = Fault)	
	Surge Testing	ANSI/IEEE C62.41-1991 AS/NZS 1768-1991	
	SDE4-xxxK-xxx/T	UL 1449ed.2 (Abnormal Overvoltage)	
	Temperature Range Environmental rating Metal Enclosure Finish Colour Heat Loss Rear screw under cover Screw & Bolt Connection Cable Entrance	-10 to 80 °C, 0~90% humidity Ip66 Dip Coat Primed & Powder Coated RAL 7032 < 8 watts 4x8 bolt or external feet option Flexible cable Bottom Gland plate	
Model SDE4-xxxK-xxx	Weight 12kg	Terminals Copper Lug 5mm Bolt	Dimensions (Height x Width x Depth) 380mm x 380mm x 210mm

All specifications subject to change without notice.

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