



Specification for Surge Diverter System

1Ø Surge Diverter - SDM - xxx Series (Polycarbonate Enclosure)

Specification			
Power ratings: AC voltage ratings (Optional) Ph ~ N and Ph ~ E Frequency Power System Operating Time EMI/RFI Filtering		110, 240 and 275 and 415(T*) 50 or 60 Hz TT, TN-S, TN-C, TN-C-S(MEN) <1ns -50dB	
Surge Diverter Ratings: Surge Waveform KA (8/20µs)	SDM-025K-P-RR SDM-040K-P-RR SDM-080K-P-RR SDM-100K-P-RR SDM-140K-P-RR SDM-160K-P-RR	025KA 040KA 080KA 100KA 140KA 160KA	
Modes of Protection The aggregate surge material may be distributed over three optional mode, Line ~ Neutral (Differential Mode) Line ~ Earth (Common Mode) and Neutral ~ Earth (Common Mode) (*T-Thermal Cut Off)		Mode identification SDM-xxxK-P-RR/T SDMne-xxxK-P-RR/T SDM2-xxxK-P-RR/T SDM3-xxxK-P-RR/T	Aggregate Distribution Line ~ Neutral = 50% Line ~ Earth = 50% Neutral ~ Earth = 100% Line ~ Neutral = 50% Line ~ Earth = 50% Line ~ Neutral = 33% Line ~ Earth = 33% Neutral ~ Earth = 33%
Alarms Breakdown Isolation Indication Panel		Relay Contacts Isolation Voltage LED Indication	N.O. 5Amp.240VAC Rated 4KV Power and Surge Diverter Status (On = OK, Off = Fault)
International Standards		Surge Testing	ANSI/IEEE C62.41-1991 AS/NZS 1768-1991
Abnormal Overvoltage Testing		SDM-xxxK-P-RR/T (T – version only)	ULI449 ed.2
Physical Enclosure Mounting Cable Termination		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 Ip67 Polycarbonate Material Transparent Cover and Grey Base < 2 watts 4x4 Ø screw Flexible cable Bottom, Rear and Side options
Model SDM-025K-P-RR SDM-040K-P-RR SDM-080K-P-RR SDM-100K-P-RR SDM-140K-P-RR SDM-160K-P-RR	Weight 1kg 1kg 2kg 2kg 2kg 2.5kg	Terminals Copper Lug 3.5mm Ø Screw Copper Lug 3.5mm Ø Screw Copper Lug 3.5mm Ø Screw Copper Lug 3.5mm Ø Screw Copper Lug 3.5mm Ø Screw Copper Lug 3.5mm Ø Screw Copper Lug 3.5mm Ø Screw	Dimensions (Height x Width x Depth) 110mm x 80mm x 65mm 110mm x 80mm x 65mm 170mm x 80mm x 65mm 170mm x 80mm x 65mm 170mm x 80mm x 65mm 170mm x 80mm x 65mm

All specifications subject to change without notice.

MALAYSIA • THAILAND • SINGAPORE • PHILIPPINES • PAPUA NEW GUINEA • VIETNAM

Precision Power

-Solutions to Power Problems

- BRISBANE PH: 07-3847 6266
FAX: 07-3847 6277
- SYDNEY PH: 02-9957 5895
FAX: 02-9956 8358
- MELBOURNE PH: 03-9328 2500
FAX: 03-9328 1525

Precision Power Unit 4B, 55 Clarence Street, Coorparoo,
Pty. Ltd. Queensland 4151 AUSTRALIA.
ACN 010 416 243 International TEL: +61-7-3847 6266 FAX: +61-7-3847 6277
Email Address : precision_power@bigpond.com.au
Website : www.precisionpower.com.au



DISTRIBUTED BY:

ISO 9001
OEC 4846

