



Transient Tracking Din Rail Filter Single & Three Phase Din Series

Specifications		PPDin105 (1Æ 5A Filter) PPDin120 (1Æ 20A Filter) PPDin305 (3Æ 5A Filter)
Power ratings: AC voltage ratings Optional DC Voltages	1Æ 2 wire + E 1Æ 2 wire + E Frequency Power System	120, 240, 275 (PPDin105/120) 245/415, 275/480 (PPDin305) 50 or 60 Hz TT, TN-S, TN-C, TN-C-S(MEN)
Rated AC Current: Optional ratings Current Crest Factor Overload/Short Circuit Protection Operating Time Earth Leakage Current	Optional Load Current Current Overload Non-linear Current Internal fusing Nanoseconds L~E + N~E	05, 20 150% for 1 minute 5:1 Peak/RMS No protection Device <10ns <0.2mA
Filter Design: Bandwidth Inductor Design Capacitor Type (Model HW1-xxx-P-xxx)	Low Pass 150% Rated 275VAC X and Y	Surge / Transient / Noise Ferrite Core Interference Suppression Capacitors
Internal Surge Diverters: Primary Surge Diverters ratings Surge Waveform KA(8/20ms) Modes of Protection** Maximum Continuous Operation Voltage Surge Performance (8/20ms)	Field Replaceable Standard Aggregated Surge Rating Shunt Element Protective Device L~N L~E N~E RMS AC Voltage ANSI/IEEE C62.41-1991 500A Ringwave	No 20KA per mode** (L~N, L~E, N~E) 60KA Internal Fuse 20KA 20KA 20KA 288VAC <40Vp
Alarms Breakdown Isolation Indication Panel	Opto Isolated output 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 BS 6651:1992 Above (Cat A, Cat B, Cat C) IEC 801-5 Install. Class 5
Physical Enclosure Mounting Cable Termination	Temperature Range Environmental rating Enclosure Colour Heat Loss Din Screw Connection	-10 to 80 °C, 0~90% humidity IP20 Polycarbonate Material Flame Retardant UL 94V-O < 1watts T 35mm rail Flexible cable
Model PPDin105 PPDin120 PPDin305	Weight 0.5kg 1kg 2kg	Terminals 2.5mm Æ Screw Connector 6mm Æ Screw Connector 2.5mm Æ Screw Connector
		Dimensions (Height x Width x Depth) 75mm x 50mm x 96mm 75mm x 100mm x 96mm 75mm x 150mm x 96mm

All specifications subject to change without notice.

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