



### Transient Tracking Powerline Filter Single Phase - HW1-Series 32Amps ~ 400Amps (Metal Enclosure)

Specification		1Ø Filter	
<b>Power ratings:</b> AC voltage ratings Optional DC Voltages	1Ø 2 wire + E Frequency Power System	110, 200, 240, 275, 415 and 480 50 or 60 Hz TT, TN-S, TN-C, TN-C-S(MEN)	
<b>Rated AC Current:</b> Optional ratings Filter Overload (non-overload protection) Current Crest Factor Overload/Short Circuit Protection Optional Protection method	Load Current Current Overload Non-linear Current HW1-xxx only HW1-xxx C	032, 040, 063, 100, 125, 150, 200, 250, 300, 400, Special Build 150% for 1 minute 5:1 Peak/RMS No protection Device 1 x HRC Fuse 100% rated or 1 Pole C/Breaker 100% rated	
<b>Filter Design:</b> Bandwidth Inductor Design Capacitor Type (Model HW1-xxx-M-xxx)		Low Pass 150% Rated 400VAC X2	Surge / Transient / Noise Non Saturated Core Tested Din Standards 40040
<b>Surge Diverter Module (SDM-xxxK):</b> Primary Surge Diverters ratings Surge Waveform KA (8/20µs) (140KA 8/20µs = 15KA 10/350µs) (50KA 10/350µs is optional)  <u>Secondary</u> Surge Diverters Ratings Surge Waveform KA (8/20µs)  Modes of Protection** Primary and Secondary Surge Diverters **See SDM Brochure Maximum Continuous Operation Voltage Multipulse Capability Surge Performance (8/20µs)		Standard Optional Special Build Special build  Standard Operating Time  Standard  RMS AC Voltage  SDM-140K/T SDM-xxx-K/T	80KA per mode** 100, 140, 160KA per mode** 200KA and 300KA 50KA 10/350µs  40KA per mode** <1ns  L~E+L~N and N~E  300VAC Yes Cat B (3KA) - 600V Cat C (3KA) - 800V See SDM Brochure
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) - (Option 1) (Remaining Capacity = 20%, 40%, 60%, 80% and 100%) - (Option 2)
International Standards		Surge Testing	ANSI/IEEE C62.41-1991 AS/NZS 1768-1991
Abnormal Overvoltage Testing		HW1-xxx-M-xxx/T	UL 1449 ed.2
Physical  Enclosure Mounting Cable Termination		Temperature Range Environmental rating Metal Enclosure Finish Colour Heat Loss Rear screw under cover Screw Connection Cable Entrance	-10 to 80 °C, 0~90% humidity Ip66 Dip Coat Primed & Powder Coated RAL 7032 < 10 watts 4x8 Ø bolt or external feet option Flexible cable Bottom Gland plate
Model HW1-32 / 40 xxx-M-xxx/T HW1-63 / 100 xxx-M-xxx/T HW1-125 / 150 xxx-M-xxx/T HW1-200 / 250 xxx-M-xxx/T HW1-300 / 400 xxx-M-xxx/T	Weight 1.5/1.6kg 2kg 2kg 2kg 2kg	Terminals 10mm² Ø Screw Terminal 16/25mm² Ø Screw Terminal 50mm² Ø Screw Terminal 95mm² Ø Screw Terminal Copper Lug 12mm Ø Bolt	Dimensions (Height x Width x Depth) 300mm x 200mm x 155mm 400mm x 300mm x 210mm 380mm x 380mm x 210mm 600mm x 380mm x 210mm 700mm x 500mm x 250mm

All specifications subject to change without notice.

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