



### Transient Tracking Powerline Filter Three Phase - HW3-Series 1250 Amps ~ 4000 Amps (Metal Enclosure)

Specification		3 Filter	
<b>Power ratings:</b> AC voltage ratings 3 4 wire (Star) 110/200, 240/415 and 275/480 Optional Voltages and 3 4 wire (Delta) 200, 415, 480 3 or 4 wire connection Frequency 50 or 60 Hz Power System TT, TN-S, TN-C, TN-C-S(MEN)			
<b>Rated AC Current:</b> Optional ratings Load Current 1250, 1500, 2000, 3000, 4000 Filter Overload (non-overload protection) Current Overload 150% for 1 minute Current Crest Factor Non-linear Current 5:1 Peak/RMS Overload/Short Circuit Protection HW3-xxx only No protection Device Optional Protection method HW3-xxxC 3 x HRC Fuse 100% rated or 3 Pole C/Breaker 100% rated			
<b>Filter Design:</b> Bandwidth Low Pass Inductor Design 150% Rated Capacitor Type (400VAC connected L~N) 400VAC X2 Surge / Transient / Noise Non Saturated Core Tested Din Standards 40040			
<b>Surge Diverter Module:</b> Primary Surge Diverters ratings Standard 80KA per mode** Surge Waveform KA(8/20 s) Optional 100, 140, 160, 220KA per mode** Special Build 200KA and 300KA Operating Time < 1ns Secondary Surge Diverters Ratings Standard 40KA per mode** Surge Waveform KA(8/20 s) Optional 80KA Operating Time < 1ns Modes of Protection** Standard L1~N, L2~N, L3~N and N~E Primary and Secondary Surge Diverters Optional L1~L2, L2~L3, L3~L1, or (**See SDM Brochure) L1~E, L2~E, L3~E Maximum Continuous Operation Voltage RMS AC Voltage 500VAC Multipulse Capability Yes Surge Performance (8/20 s) SDM 140K Cat B (3KA) - 500V, Cat C (3KA) - 800V SDM xxx-K See SDM Brochure			
Alarms Relay Contacts Breakdown Isolation Isolation Voltage Indication Panel 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 , BS6651:1992 Above (CatA, CatB, CatC), IEC 801-5 Install. Class 5			
Physical Temperature Range -10 to 80 °C, 0~90% humidity Environmental rating Ip66 Metal Enclosure Finish Dip Coat Primed & Powder Coated Colour RAL 7032 Heat Loss < 30 watts Enclosure Mounting Rear screw under cover Cable Termination Screw Connection Flexible cable Bottom Gland plate			
Model Weight HW3-1250 xxx-M-xxx 500kg HW3-1500 xxx-M-xxx 600kg HW3-2000 xxx-M-xxx 1000kg HW3-3000 xxx-M-xxx 1500kg HW3-4000 xxx-M-xxx 2000kg		Terminals Dimensions (Height x Width x Depth) Copper Lug 4x12mm Bolt 2000mm x 1200mm x 800mm Copper Lug 4x12mm Bolt 2000mm x 1200mm x 800mm Copper Lug 4x12mm Bolt 2000mm x 2400mm x 800mm Copper Lug 4x12mm Bolt 2000mm x 3600mm x 800mm Copper Lug 4x12mm Bolt 2000mm x 4800mm x 800mm	

All specifications subject to change without notice.

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