





### Transient Tracking Powerline Filter Three Phase - HW3-Series 40 Amps ~ 1000 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 016, 025, 032, 040, 050, 063, 100, 125, Filter Overload 150, 200, 250, 315, 400, 600, Special Build (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  Enclosure Mounting Cable Termination		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 Rear screw under cover 4x8 bolt or external feet option Screw Connection Flexible cable Cable Entrance Bottom Gland plate	
Model Weight HW3-40 xxx-M-xxx 15/16kg HW3-40 / 63 / 100 / 125 xxx-M-xxx 18/23/25kg HW3-150 xxx-M-xxx 30kg HW3-200 / 250 xxx-M-xxx 50/60kg HW3-315 / 400 xxx-M-xxx 150/170kg HW3-600 / 800 xxx-M-xxx 190kg HW3-1000 xxx-M-xxx 250kg		Terminals Dimensions (Height x Width x Depth) Copper Lug 6mm Bolt 400mm x 400mm x 210mm Copper Lug 6mm Bolt 600mm x 380mm x 210mm Copper Lug 8mm Bolt 700mm x 500mm x 250mm Copper Lug 8mm Bolt 800mm x 600mm x 250mm Copper Lug 12mm Bolt 1000mm x 800mm x 300mm Copper Lug 2x12mm Bolt 1800mm x 600mm x 400mm Copper Lug 4x12mm Bolt 1800mm x 600mm x 400mm	

All specifications subject to change without notice.

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