



Transient Tracking Powerline Filter Three Phase - HW3-Series 32 Amps ~ 1000 Amps (Metal Enclosure)

Specification		3Ø Filter	
Power ratings: AC voltage ratings Optional Voltages and 3 or 4 wire connection	3Ø 4 wire (Star) 3Ø 4 wire (Delta) Frequency Power System	110/200, 240/415 and 275/480 200, 415, 480 50 or 60 Hz TT, TN-S, TN-C, TN-C-S(MEN)	
Rated AC Current: Optional ratings Filter Overload (non-overload protection) Current Crest Factor Overload/Short Circuit Protection Optional Protection method	Load Current Current Overload Non-linear Current HW3-xxx only HW3-xxxC	016, 025, 032, 040, 050, 063, 100, 125, 150, 200, 250, 315, 400, 600, Special Build 150% for 1 minute 5:1 Peak/RMS No protection Device 3 x HRC Fuse 100% rated or 3 Pole C/Breaker 100% rated	
Filter Design: Bandwidth Inductor Design Capacitor Type (400VAC connected L~N)	Low Pass 150% Rated 400VAC X2	Surge / Transient / Noise Non-Saturated Core Tested Din Standards 40040	
Surge Diverter Module: Primary Surge Diverters ratings Surge Waveform KA (8/20ms)	Standard Optional Special Build Operating Time	80KA per mode** 100, 140, 160, 220KA per mode** 200KA and 300KA < 1ns	
Secondary Surge Diverters Ratings Surge Waveform KA (8/20ms)	Standard Optional Operating Time	40KA per mode** 80KA < 1ns	
Modes of Protection** Primary and Secondary Surge Diverters (**See SDM Brochure) Maximum Continuous Operation Voltage Multipulse Capability Surge Performance(8/20ms)	Standard Optional RMS AC Voltage SDM 140K SDM xxx-K	L1~N, L2~N, L3~N and N~E L1~L2, L2~L3, L3~L1, or L1~E, L2~E, L3~E 500VAC Yes Cat B (3KA) - 500V, 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)	
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 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 < 30 watts 4x8 Ø bolt or external feet option Flexible cable Bottom Gland plate	
Model HW3-32 / 40 xxx-M-xxx HW3-40 / 63 / 100 / 125 xxx-M-xxx HW3-150 xxx-M-xxx HW3-200 / 250 xxx-M-xxx HW3-315 / 400 xxx-M-xxx HW3-600 / 800 xxx-M-xxx HW3-1000 xxx-M-xxx	Weight 15/16kg 18/23/25kg 30kg 50/60kg 150/170kg 190kg 250kg	Terminals Copper Lug 6mm Ø Bolt Copper Lug 6mm Ø Bolt Copper Lug 8mm Ø Bolt Copper Lug 8mm Ø Bolt Copper Lug 12mm Ø Bolt Copper Lug 2x12mm Ø Bolt Copper Lug 4x12mm Ø Bolt	Dimensions (Height x Width x Depth) 400mm x 400mm x 210mm 600mm x 380mm x 210mm 700mm x 500mm x 250mm 800mm x 600mm x 250mm 1000mm x 800mm x 300mm 1800mm x 600mm x 400mm 1800mm x 600mm x 400mm

All specifications subject to change without notice.

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