

DRM95-30A DATASHEET



To be installed by a licensed electrician only.



The DRM95-30A is a combination of an AC Mains Filter and Surge protector to help provide clean and protected power to an entire circuit.

AC MAINS FILTER

The DRM95 series features our Dynamic Active Tracking filtration to assist in removing even more unwanted frequencies that can be missed with a traditional filter.

SURGE PROTECTION

The DRM95 features Surge protection across all 3 modes (L-N, L-PE, N-PE) to create a better level of protection.

EASY INSTALLATION

The DRM95 has been designed to install on a standard 35mm DIN rail allowing simple installation in new or existing wiring.

TESTED TO INTERNATIONALLY RECOGNISED STANDARDS

The DRM95 has now been tested to IEC 61643-11 to ensure safe operation.

SPECIFICATIONS

Electrical Characteristic	Symbol	Rating
Connection Type		Series
Surge Protector Class		IEC 61643-11 : Class II
Protection Modes		L-N, L-PE, N-PE
Power System Configuration		Single Phase TN-S, TT Systems
Nominal Voltage	U_n	220-240 V _{AC}
Operating Frequency		50 Hz
Maximum Load Current	I_L	30A
Maximum Overload Protection Device Rating*		32A MCB/RCBO
Max continuous operating voltage	U_C	300 V _{AC}
Nominal Discharge current (All Protection Modes-8/20 μ s)	I_n	10kA
Max Discharge current (All Protection Modes-8/20 μ s)	I_{max}	25kA
Max Voltage protection level at I_n	U_p	$\leq 1.2kV$
Max Voltage drop at I_L	$\Delta U\%$	$\leq 2\%$ (4.4-4.8V at U_n)
Short Circuit Current Withstand	I_{SCCR}	10kA
Temporary Overvoltage rating	U_T	440V/5sec
Earth Leakage Range		$\leq 1mA$
Mechanical Characteristics		
Product Dimensions		105mm(W) x 96mm(H) x 60mm(D)
Wire range - Solid		0.5-6.0mm ²
Wire Range - Stranded		0.5-4.0mm ²
Torque		0.7 N.m.
Stripping Length		9mm
Mounting		TS35 DIN Rail
Unit Weight		243g
IP Rating		IP20
Miscellaneous Characteristics		
Indicator display		LED Indicator: L-N, L-PE
Operating Temperature		-20°C/+60°C
Humidity		5 to 95%
Packaging Dimensions		116mm(W) x 100mm(H) x 77mm(D)

*Thor Technologies recommends the use of resettable MCB or RCBO over equivalent capacity fuse of gG type.



SUPPORT AND INFORMATION

For further information and support scan the QR code or contact us.

IEC 61643-11 : CLASS II



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AND ENGINEERED
Made in China

In the interest of product improvement and development THOR Technologies reserves the right at any time to modify or alter product design.

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