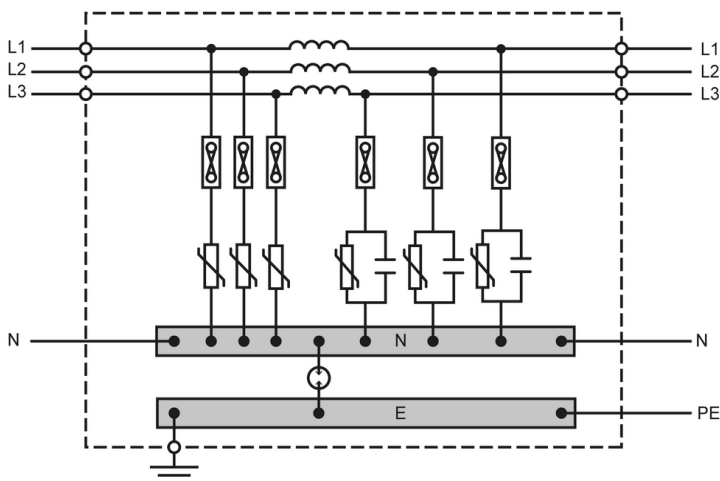


Product Datasheet

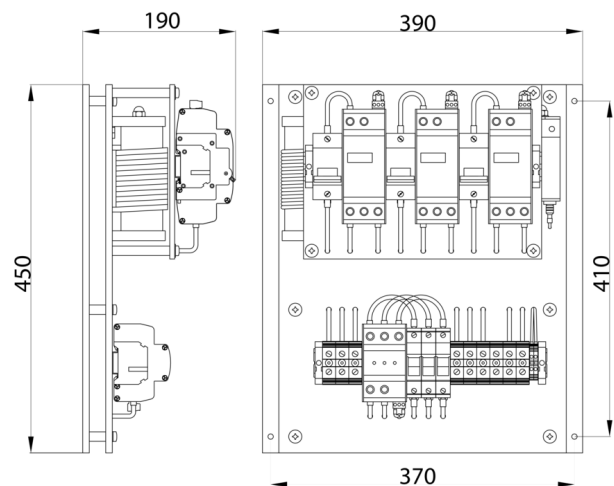
SFM3-40-200-275



Wiring



Dimensions







Standards

IEC 61643-11:2011
AS/NZS 1768:2007

SPD connected to low-voltage power systems - Type 1+2
A.C. power system SPD - Cat C, B

Product Datasheet




Electrical Specifications

Connection type		Series
Modes of protection		L-N, L-PE, N-PE
Number of ports		2
Number of phases		3
Location		Indoor
Nominal voltage	U_0	230VAC
Short circuit withstand level	I_{SSCR}	50kA
Maximum backup fuse		40A
Earth leakage current	I_{PE}	<1 μ A














Electrical (L-N) Specifications

Maximum load current	I_L	40A
Maximum continuous voltage AC	U_c	275VAC
Maximum voltage drop (% of U_0)		<1%
3dB frequency @ 50 Ω		370Hz
Maximum discharge current (8/20 μ s)	I_{max}	200kA
Nominal discharge current (8/20 μ s)	I_n	80kA
Lightning impulse current (10/350 μ s)	I_{imp}	25kA
Voltage protection level (3kA 8/20 μ s)	U_p	450V
Response time	t_A	Instantaneous

Indication Specifications

Alarm contact current		2A
Display		LED power and thermal failure
Alarm		SPST NC power and thermal failure
Alarm isolation		4kV

Mechanical Specifications

Minimum operating temperature		-40°C
Maximum operating temperature		70°C
Minimum operating humidity		5%
Maximum operating humidity		95%
Mounting method		Panel
Environmental rating		IP20
Terminal capacity - power		35mm ²
Terminal screw torque - power		1Nm
Terminal capacity - alarms		2.5mm ²
Terminal screw torque - alarms		0.5Nm
Length		450mm
Width		390mm
Height		190mm

Other Specifications

Product Code		SFM3-40-200-275
--------------	---	-----------------

Shipping Specifications

Weight		24kg
--------	---	------