

SFM3-63-50-275

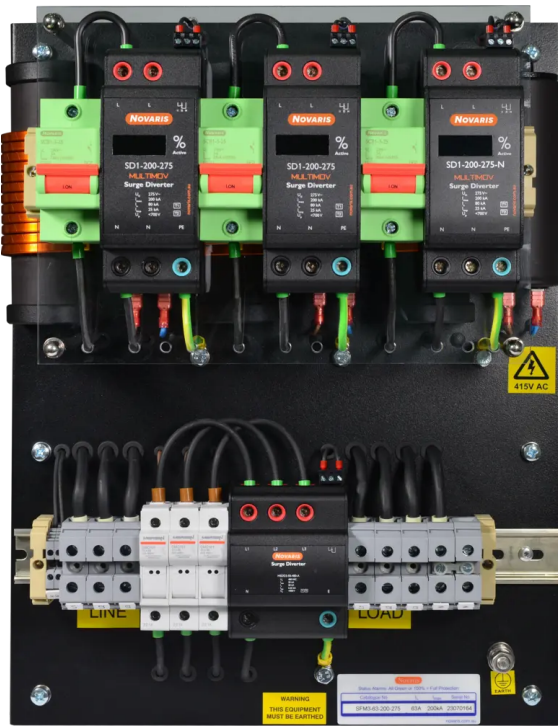
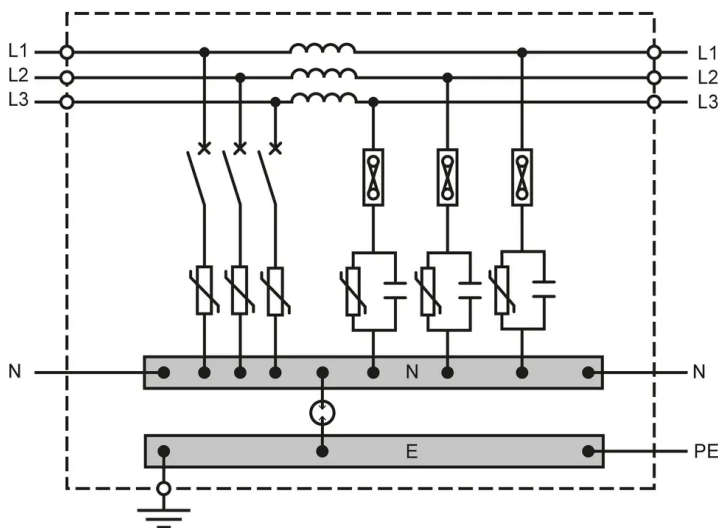


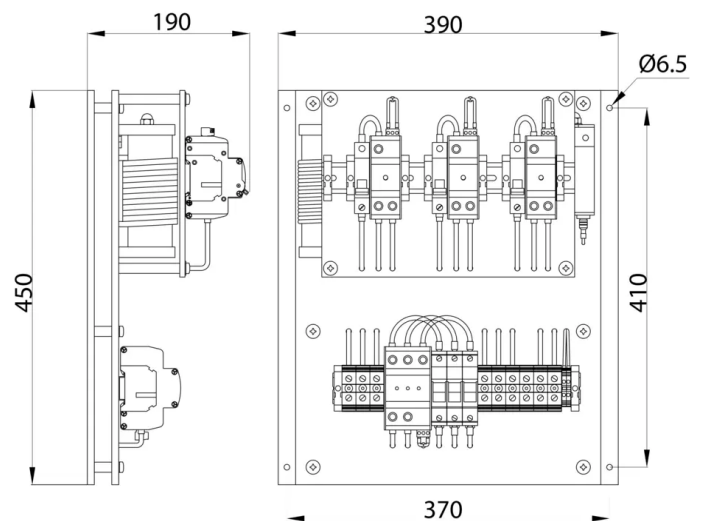
Image for illustrative purposes only

The colour of the grommets will change starting from 2026. All phases will be black, neutral will be black, and earth will be green

Wiring



Dimensions



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		63A
Earth leakage current	I_{PE}	<1μA

Electrical (L-N) Specifications

Maximum load current	I_L	63A
Maximum continuous voltage AC	U_c	275VAC
Maximum voltage drop (% of U_0)		<1%
Maximum discharge current (8/20 μs)	I_{max}	50kA
Nominal discharge current (8/20 μs)	I_n	20kA
Lightning impulse current (10/350 μs)	I_{imp}	6.25kA
Voltage protection level (3kA 8/20μs)	U_p	<360V
Response time	t_A	Instantaneous
Voltage withstand (5s)	U_T	335V

Electrical (N-PE) Specifications

Maximum continuous voltage	U_c	255VAC
Maximum discharge current (8/20 μs)	I_{max}	60kA
Nominal discharge current (8/20 μs)	I_n	50kA
Lightning impulse current (10/350 μs)	I_{imp}	50kA
Voltage protection level (1kV/μs)	U_p	<1000V
Response time	t_A	<25ns

Indication Specifications

Alarm contact voltage		230VAC
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		35mm²
Terminal screw torque - power		1Nm
Terminal capacity - alarms		2.5mm²
Terminal screw torque - alarms		0.5Nm

Standard Specifications

IEC 61643-11	SPD connected to low-voltage power systems - Type 1, 2
AS 1768	AC power system SPD - Cat C, B

Shipping Specifications

Weight		24kg
Customs tariff		85363000, 85363010

Other Specifications

Product Code		SFM3-63-50-275
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