

WSPSA6

240V, Type 2 Single Pole SPD, with remote signalling



These modular distribution panel protectors for three phase power systems are designed to prevent damage to electrical distribution systems from mainsborne transient voltages which can occur as the result of nearby lightning strikes or surges derived from the switching of inductive or capacitive loads.

They feature exceptionally high surge handling capabilities of 150kA and are intended for high lightning exposure areas and critical systems where long life and low maintenance are required.

These protection devices meet the requirements of ENA G78 Issue 4 for use as SA6.



General Characteristics		
Test class according to EN 61643-11	Type 2, Class II	
Earth type	TT; TN-C; TN-S	
Nominal operating voltage	U_n	240V~
Maximum operating voltage	U_c	275V~
LPZ	0b to 1; 1 to 2	
Max. back-up fuse	100A gL/gG	
Response time	<25 ns	
Type 2/Class II Characteristics		
Nominal discharge current, 8/20 μ s, Per mode	I_n	20 kA
Voltage protection level at I_n	U_p	<1.9 kV
Voltage protection level at 3kA, 8/20 μ s		<0.7 kV
Maximum discharge current	I_{max}	150 kA
Total discharge current	I_t	150 kA
Physical/Environmental Characteristics		
Housing material	FR ABS/PC	
Ingress Protection Rating	IP	20
Operating temperature	ϑ	-40 to +70°C
Wire size	16 to 35mm ²	
Weight	m	250g
TOV Characteristics		
Temporary overvoltage (TOV)	U_T	337V/5s
Result of TOV	Withstand	

Status Indication

Local status indication
Remote Status Indication
Contact rating
Maximum wire size

LED
Switching contacts
230V rms - 1A; 30V dc - 2A
2.5mm²

Parts and Accessories

IP 66 DIN Rail Enclosure
2IP-7-0245



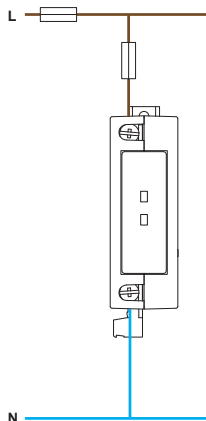
Neutral to Earth Module
WSP/150/230NR



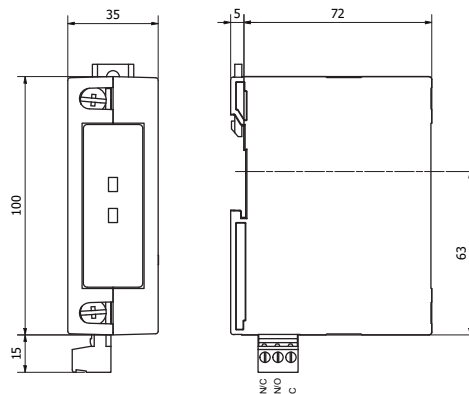
3 Phase + neutral SPD in enclosure
WSP415M2



Wiring Diagram



Dimensions (mm)



Internal Configuration

