

Surge Protection Devices

100KA 2-Pole Surge Protector**Model No: ZGAG100230****Electrical Specifications**

Connection Type	Shunt / Class II / Type 2		
Modes of Protection	L-N, L-E, N-E (All modes are protected)		
Phases	Single Phase		
Nominal Voltage	U_o	230 VAC/ 400 VAC	
Maximum Continuous Voltage	U_c	L-N	320 VAC
		N-E	320 VAC
Maximum Discharge Current (8/20 μ s)	I_{max}	L-N	100kA
		N-E	26kA
Voltage Protection Level @ In	U_p	L-N	< 1.2 kV
Clamping / Limiting Voltage		N-E	< 600 V
Temporary Overvoltage (TOV)	U_T	L-N	1.2 kV / 0.2 s (Withstand)
		3 x L-L, L-E	N-E 1.2 kV / 0.2 s (Withstand)

**Indication**

Display	LED Status
External Alarm	Optional (on request)
Display / Alarm Function	Optional (on request)

Mechanical Specifications

Operating Temperature	-40 to +70°C
Humidity Range	5 to +95°C
Terminal Capacity - Alarm	0.5 - 2.5 mm ²
Terminal Capacity - Power	-
Terminal Screw Torque - Power	2 Nm
Terminal Screw Torque - Alarm	0.5
Environment / Location	IP 20 / Indoor
Mounting	Surface Mount
Enclosure / Colour	Metal / Black
Weight	1000g

Standards

IEC 61643-11:2011	SPD connected to low-voltage power systems - Type 2 + 3
AS/NZS 1768:2007	A.C. power system SPD - Cat C, B, A
UL 1449 3rd Edition	Low voltage SPD - Type 2, Type 3
IEEE 62.41.2:2012	Low voltage SPD - Cat B, Cat C

Dimensions

Length	152mm
Width	195mm
Depth	105mm