

## 40KA 4-Pole DINRAIL Surge Protector

Model No: ZGDIN40400

### Electrical Specifications

Connection type	Shunt		
Modes of protection	L-N, L-E, N-E (All modes are protected)		
Phases	Three 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 $\mu$ s)	$I_{max}$	L-N	40kA
		N-E	26kA
Voltage Protection Level @ In	$U_p$	L-N	< 1.2 kV
		N-E	< 600 V
Temporary Overvoltage (TOV)	$U_T$	L-N	1.2 kV / 0.2 s (Withstand)
		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 <sup>2</sup>
Terminal Capacity - Power	10 -16mm <sup>2</sup>
Terminal Screw Torque - Power	2 Nm
Terminal Screw Torque - Alarm	0.5
Environment / Location	IP 20 / Indoor
Mounting	TS35 Din-Rail
Enclosure / Colour	Metal / Black

### 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
Weight	750g