• Technical data

IEC Electrical		150	275	320	385	440
Nominal AC Voltage(50/60Hz)		120V	230V	230V	230V	400V
Maximum Continuous Operating Voltage(AC)	(L-N)U_c	150V	275V	320V	385V	440V
	(N-PE)U_c	255V				
Nominal Discharge Current (8/20 μs)	(L-N)/(N-PE)I_n	20 kA/20 kA				
Maximum Discharge Current(8/20 μs)	(L-N)/(N-PE)I_{max}	40 kA/40kA				
Impulse Discharge Current(10/350 μs)	(L-N)/(N-PE)I_{imp}	7kA/25 kA				
Voltage Protection Level	(L-N)/(N-PE)U_p	1.0KV/1.5KV 1.5KV/1.5KV 1.6KV/1.5KV 1.8kV/1.5KV 2.0KV/1.5KV				
Follow Current Interrupt Rating	(N-PE)I_{fi}	100Aas				
Response Time	(L-N)/(N-PE)t_a	<25ns/<100 ns				
Back-Up Fuse(max)		63AgL/gG				
Short-Circuit Current Rating(AC)	(L-N)I_{SCCR}	25kA				
TOV Withstand 5s	(L-N)U_T	180V	335V	335V	335V	580V
TOV 120min	(L-N)U_T	230V	440V	440V	440V	765V
	mode	Wthstand	Safe Fail	Safe Fail	Safe Fail	Safe Fail
TOV Withstand 200ms	(N-PE)U_T	1200V				
Mechanical &Environmental						
Operating Temperature Range	T_a	-40°F to+158°F-40℃ to+70℃]				
Pemissible Operating Humidity	RH	5%….95%				
Atmospheric pressure and altitude		80k Pa...106k Pa/-500 m……2000 m				
Terminal Screw Torque	(L,N)M_{max}					
	(PE)M_{max}	39.9 lbfin [4.5 Nm]				
Conductor Cross Section	(L,N)	5 AWG (Solid,Stranded)/7 AWG(Flexible)				
		16mm²(Solid,Stranded)/10 mm²(Flexible)				
	(PE)	2 AWG (Solid,Stranded)/4 AWG (Flexible)				
		35mm²(Solid,Stranded)/25mm²(Flexible)				
Mounting		35 mm DIN Rail,EN60715				
Degree of Protection		IP20(built-in)				
Housing Material		Thermoplastic:Extinguishing Degree UL94V-0				
Thermal Protection		Yes				
Operating State /Fault Indication		Green ok/Red defect				
Remote Contacts(RC) RC Switching Capacity RC Conductor Cross Section(max) RC Terminal Screw Torque		Optional AC: 250V / 0.5 A; DC: 250V / 0.1 A; 125 V / 0.2 A; 75 V / 0.5 A 16 AWG (Solid) / 1.5 mm²(Solid) 2.2 lbf·in [0.25 Nm]				

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