

Surge protector

TYPE: JDA RL3V-XX-YYY

XX : I_{max} KA ; YYY : max U_c

For LED Lighting Fixture

Surge arrester for low-voltage power supply system protection against surges at the boundaries from lightning protection zone 0B-1 and higher.

Terminal Block Modules series

- Class II (C) arrester in according with IEC61643-11:2011.
- ETL certified High energy MTMV (modular thermally protected Metal Oxide Varistor) as per UL1449-3rd
- SCCR 100KA_{rms}.
- Reliable supervision due to disconnection device.
- Fault indication by LED.
- Fast response.
- No follow current



JDA RL3V-40-275



JDA RL3V-40-320



JDA RL3V-20-275

Characteristics

	JDA RL3V-20-275	JDA RL3V-40-275	JDA RL3V-40-320
In accordance with	IEC61643-11:2011; UL1449 3rd		IEC61643-11:2011; UL1449 3rd
Category IEC/VDE	II/ C		II/ C
Mode of Protection	L-N;L-PE;N-PE		L-N;L-PE;N-PE
Max. continuous operating voltage (AC)	275V	275V	320V
Nominal discharge current(8/20) I _n	10KA	20KA	
Max. discharge current(8/20) I _{max}	20KA	40KA	
Voltage protection level @6KV//3kA 1.2/50	850V	850V	1.5KV
Response time	≤25 ns		≤25 ns
Follow current	No		No
Backup fuse(only required if not already provided in mains)	32A gL/gG	125A GI/Gg	
Operating temperature range	- 40°C~ + 75°C		- 40°C~ + 75°C
Thermal disconnecter	internal		internal
IP rating	IP65		IP65
Mounting	wall or plate		wall or plate
connection wire	16AWG(L=red;N=blue;PE=y/g)		14AWG(L=red; N=green; PE=y/g)
Enclosure material	thermoplastic; extinguishing degree UL94 V-0		
Thermal disconnecter	Blue = OK (LED)		
Dimension (only enclosure)	53*95*30mm		65*95*55mm