

Surge protector

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

TYPE: RL-MV-##-XXX

RL-MTMV-##-XXX

RL=road lighting fixture

MV=MOV, High energy (Metal Oxide Varistor).

MTMV=MTMOV, High energy (modular thermally protected
Metal Oxide Varistor)

##=Imax, 20KA, 40KA

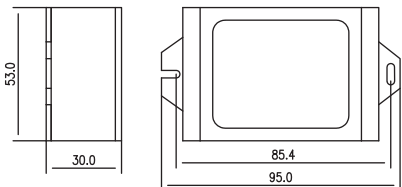
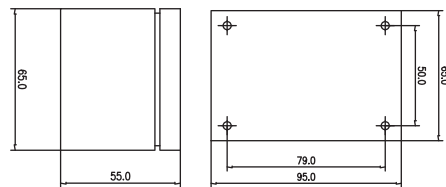
xxx=Uc, 175V,275V,320V,385V

- Class II (C) arrester in according with IEC61643-11:2011.
- High energy MOV (Metal Oxide Varistor). $\leq 20KA$
- ETL certified High energy MTMV (modular thermally protected Metal Oxide Varistor) as per UL1449-3rd $\geq 40KA$
- SCCR 100KArms.
- Reliable supervision due to disconnection device.
- Fault indication by LED.
- Fast response.
- No follow current

For LED Lighting Fixture



Characteristics

Type	RL-MV-20-275	RL-MV-20-320	RL-MV-20-385	RL-MTMV-40-275	RL-MTMV-40-320	RL-MTMV-40-385
In accordance with	IEC61643-11:2011; UL1449 3rd					
Category IEC/VDE	II/ C					
Mode of Protection	L-N;L-PE;N-PE					
Max. continuous operating voltage (AC)	275V	320V	385V	275V	320V	385V
Nominal discharge current(8/20) In	10KA			20KA		
Max. discharge current(8/20) Imax	20KA			40KA		
Voltage protection level @6kV/3kA	0.85KV	1.5KV	1.5KV	0.85KV	1.5KV	1.5KV
Response time	≤25 ns					
Follow current	No					
Backup fuse(only required if not already provided in mains)	32A gL/gG			125A GI/Gg		
Operating temperature range	- 40°C~ + 70°C			- 40°C~ + 75°C		
Thermal disconnector	internal					
IP rating	IP65					
Mounting	wall or plate					
connection wire	16A WG(L=red;N=blue;PE=y/g)			14A WG(L=red; N=green; PE=y/g)		
Enclosure material	thermoplastic; extinguishing degree UL94 V-0					
Thermal disconnector	Blue = OK (LED)					
Dimension (only enclosure)	53*95*30mm			65*95*55mm		
						

Note: Subject to change without any notice.