

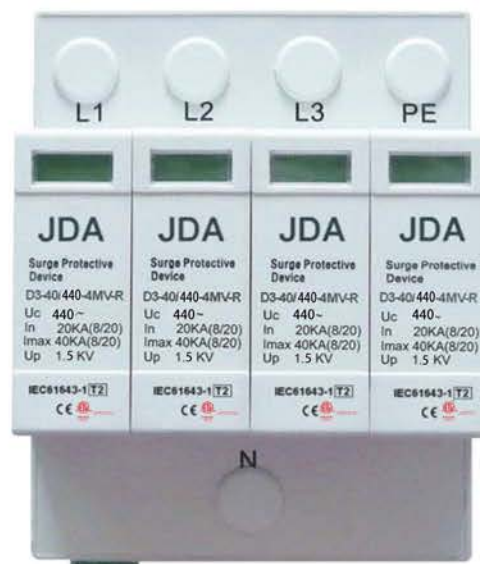
CONFORM TO UL1449
CERTIFIED TO CSA C22.2#8

Three Phase (4 MOV Modules) Surge Protection Devices Type D3-40/440-4MV-R

Surge arrester for low-voltage power supply system protection against surges at the boundaries from lightning protection zone 1-2 and higher.

- Class II (C) arrester in according with IEC61643-11, UL1449 3rd.
- Two part design consisting of base and plug-in protection module, very easy for maintenance.
- Reliable supervision due to disconnection device.
- Fault indication by red indication flag in window.
- Fast response.
- With remote alarm terminal optional.

Rapid thermal disconnection under TOV ;
Inbuilt Arc - extinguishing device.



Characteristics

Type	D3-40/440-4MV-R	
	440	
In accordance with	IEC61643-11:2011; UL1449 3 rd	
Category IEC/VDE	II/ C	
Max. continuous operating voltage (AC/DC)	440/585	
Nominal discharge current(8/20) In	20kA	
Max. discharge current(8/20) Imax	40kA	
Voltage protection level	@In	<2.0kV
	@VPR	<1.5kV
Response time	≤25 ns	
Follow current	No	
Backup fuse(only required if not already provided in mains)	125A gL/gG	
Operating temperature range	- 40°C ~ + 80°C	
Cross-section of connection wire	Single-strand 35mm ² ; multi-strand 25mm ²	
Mounting	35mm DIN-rail in accordance with EN 50022/DIN46277-3	
Enclosure material	thermoplastic; extinguishing degree UL94 V-0	
Degree of protection	IP20	
Installation width	4 modules, DIN 43880	
Thermal disconnecter	Internal green – normal ; red - failure	
Remote alarm contact	Yes	
Approvals, Certifications	CE	
Additional data for Remote Alarm Contacts		
Remote alarm contact type	Isolated Form C	
Switching capability Un/In	AC: 250V/0.5A	DC: 250V/0.1A; 125V/0.2A; 75V/0.5A
Max. Size of connecting wire	Max. 1.5mm ² (or # 16AWG)	

Dimensions and Diagram

