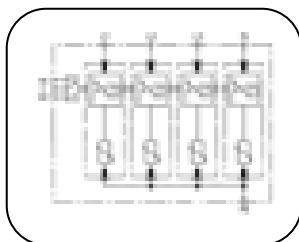
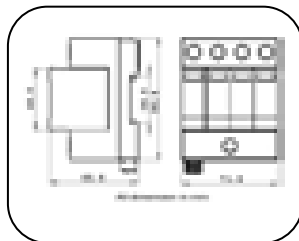


CONFORM TO UL1449  
CERTIFIED TO CSA C22.2#8

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



Basic circuit diagram

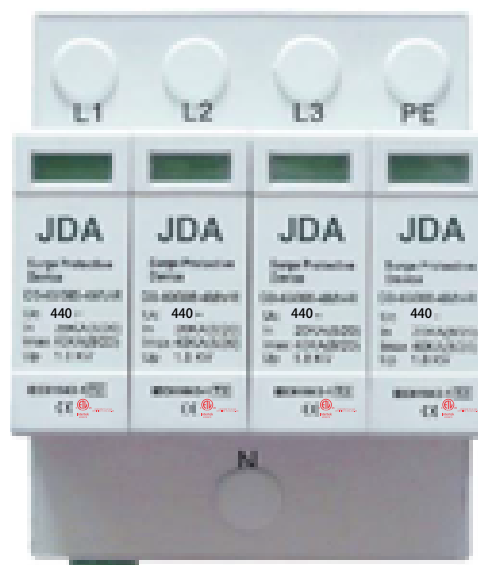


Dimension drawing

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 <sup>rd</sup>	
Category IEC/VDE		II/ C	
Max. continuous operating voltage (AC/DC)		440/5585	
Nominal discharge current(8/20) In		20kA	
Max. discharge current(8/20) I <sub>max</sub>		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 <sup>2</sup> ; multi-strand 25mm <sup>2</sup>	
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 <sup>2</sup> (or # 16AWG)	

## Dimensions and Diagram

