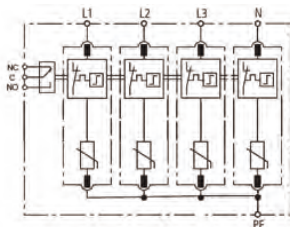


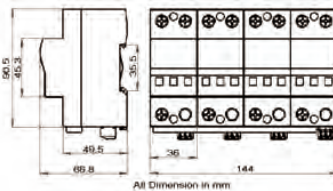
**Three Phase (4 MOV Modules)
 Surge Protection Devices**

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 OB-1 and higher.
 Rapid thermal disconnection under TOV ; Inbuilt Arc - extinguishing device.

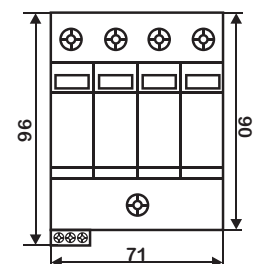
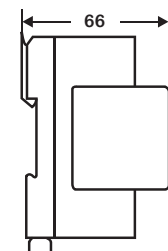
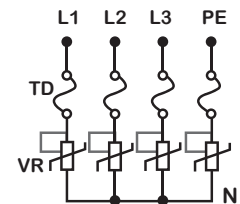
Terminal Block Modules series

- Class II (C) arrester in according with IEC61643-1:2005.
- Two part design consisting of base and plug-in protection module.
- High energy MOV (Metal Oxide Varistor) inside.
- Reliable supervision due to disconnection device.
- Fault indication by red indication flag in window.
- Fast response.
- With remote alarm terminal optional.

Characteristics

Type	D3-40/***-4MV-R									
	75	150	175	275	300	320	385	440	550	600
In accordance with	IEC61643-1:2005 ; UL1449 3rd									
Category IEC/VDE	II / C									
Max. continuous operating voltage (AC/DC)	75/100	150/200	175/225	275/300	300/385	320/420	385/505	440/585	550/745	600/800
Nominal discharge current (8/20) In	20KA									
Max. discharge current (8/20) Imax	40KA									
Voltage protection level @In	0.5KV	0.8KV	0.8KV	1.4KV	1.5KV	1.6KV	1.8KV	2.2KV	2.8KV	3.0KV
protection level @3KA	0.3KV	0.5KV	0.6KV	1.0KV	1.0KV	1.1KV	1.3KV	1.5KV	2.0KV	2.0KV
Response time L-N	≤25 ns									
N-PE	≤25 ns									
Follow current L-N	No									
N-PE	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	Optional									

Dimensions and Diagram



note: subject to change without any notice, JDA pay no responsibility