



D3-40/440-3MV-R

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

- Class II (C) arrester in according with IEC61643-1:2005.
- Fail Safe System (Patent)
- 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.



Technical Data

Type	D3-40/440-3MV-R
In accordance with	IEC61643-1:2005; UL1449 3rd
Category IEC/VDE	II/ C
Max. continuous operating voltage (AC/DC)	440/585
Nominal discharge current (8/20) In (L-PE)	20KA
Max. discharge current(8/20) I _{max}	40KA
Voltage protection level at In	2.2KV
Let through voltage @3KA (8/20)	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	3 modules, DIN 43880
Thermal disconnecter	Internal green – normal red - failure
Remote alarm contact	Yes
Additional data for Remote Alarm Contacts	
Remote alarm contact type	floating changeover contact
Switching capability U _N /I _N	AC: 250V/0.5A DC: 250V/0.1A; 125V/0.2A; 75V/0.5A
Cross-section of connection wire	Max. 1.5mm ²

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