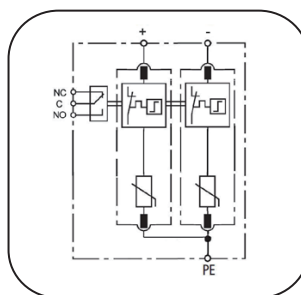




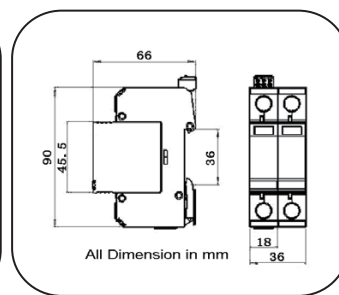
PV40/150-MVCR

Type 2 surge arrester designed for low voltage DC system against surges at the boundaries from lightning protection zone OB-2and higher.

- In accordance with EN50539, IEC61643-11 and UL1449-4th
- DC SPD for common mode protection
- Pluggable module design, easy replacement
- High discharge current 40kA 8/20
- Reliable supervision due to disconnection device;
- Fault indication by red indication flag in window;
- With remote alarm terminal



Basic circuit diagram



Dimension drawing

Part No.		PV40/150-MVCR
In accordance with		EN50539;IEC61643-11:2011; UL1449-4th
Category IEC/VDE		II/ C
Protection Mode		Common mode
Nominal voltage	Un	120Vdc
Max. continuous operating voltage	Ucpv	150Vdc
Nominal discharge current(8/20us)	In	20kA
Max. discharge current(8/20us)	Imax	40kA
Voltage protection rating	Up	<0.7kV
	VPR	<0.4kV
Short-circuit current rating(Iscpv)		1000A
Response time		≤25 ns
Follow current		No
Backup fuse(only required if not already provided in		125A gR/gPV
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		2 modules, DIN 43880
Thermal disconnecter		Internal green – normal ; red - failure
Remote alarm contact		Yes
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)

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