

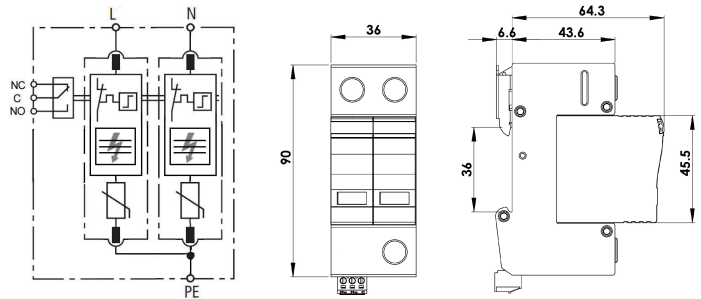


## SURGE ARRESTERS – CLASS II

# JDA-50/275-R/2P

Type 2/Class II surge protective device is designed for low-voltage power supply system protection against surges at the boundaries from lightning protection zone 1-2 and higher.

- JDA certified T2 SPD per IEC/EN 61643-11.
- Prewired 2 poles SPD application for single phase protection.
- High surge current discharge capacity up to 40kA 8/20 $\mu$ s.
- High reliability due to global patented thermally protected MOV with reliable arc-extinguish (TPAE) technology.
- Pluggable module for easy replacement
- Degradation indication and optional remote signal contact.
- Comply with IEC/EN 61643-11, UL1449 4th, CSA C22.2 etc standards.



Model		JDA-50/275-R/2P
In accordance with		IEC61643-11:2011; EN61643-11:2012;UL1449 4th
Category IEC/VDE/EN		II/C/T2
Max. continuous operating voltage (Vac/Vdc)	Uc	275/350V
Nominal discharge current(8/20us)	In	20kA
Max. discharge current(8/20us)	Imax	40kA
Voltage protection level @In IEC	Up	≤1.4kV
Temporary Overvoltage TOV		
-Withstand mode	U <sub>toV</sub>	337V/5s
Residual current	I <sub>pe</sub>	<0.1mA
Follow current	I <sub>f</sub>	No
Response time	t <sub>A</sub>	≤25 ns
Backup fuse(only required if not already provided in mains)		125A gL/gG
Operating temperature range		- 40°C ~ + 85°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		2 module, DIN 43880
Failure indication/Status		Internal green – normal ; red - failure
Remote alarm contact		Yes
Approvals, Certifications		KEMA/CE
Additional data for Remote Alarm Contacts		
Remote alarm contact type		Isolated Form C
Switching capability	U <sub>n</sub> /I <sub>n</sub>	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)