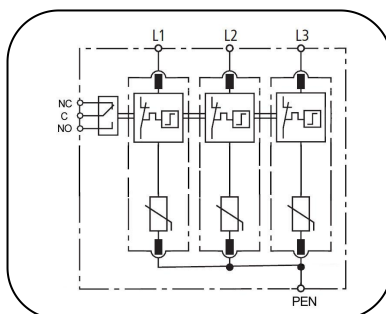
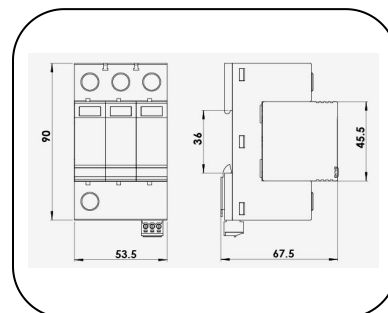


SURGE ARRESTERS – CLASS II

DT40/385-3V-S



Basic circuit diagram



Dimension drawing

Type 2 surge arrester for low-voltage power supply system protection against surges at the boundaries from lightning protection zone 1-2 and higher.

- Comply with IEC 61643-11, apply to TNC earthing system.
- Pluggable design, 4 poles, easy replaced without any tools.
- High Discharge Capacity with 8/20 us waveform, I_{max} 40kA
- Visual status indication and remote signal contact available.

Part No.		DT40 /385 -3V-S	
In accordance with		IEC61643-11:2011; UL1449 3 rd	
Category IEC/VDE		II/ C	
Max. continuous operating voltage (AC/DC)		385 /505	
Nominal discharge current(8/20) In		20kA	
Max. discharge current(8/20) I _{max}		40kA	
Voltage protection level	@In	<1.8kV	
	@VPR	<1.3kV	
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 disconnector		Internal green – normal ; red - failure	
Remote alarm contact		Optional	
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 ² (or # 16AWG)	