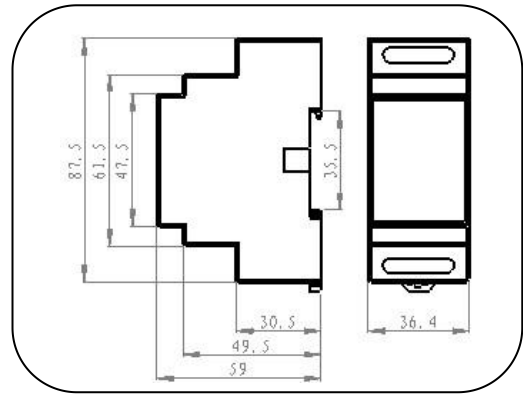


Basic circuit diagram



Dimension drawing

Surge protective device especially for low-voltage power supply system surge protection at the boundaries from lightning protection zone 2-3 and higher.

- Class III (D) surge protector in accordance with IEC61643-11 and UL1449-4th
- Series type SPD with rated load current 10A to 16A, max discharge current 20Ka 8/20 per phase
- Single phase surge protection
- High energy MOV (Metal Oxide Varistor) inside
- Low voltage protection level
- Failure indication by LED light

Part No.	DSF10/175-10A/3P	DSF10/320-10A/3P	DSF10/175-16A/3P	DSF10/320-16A/3P	
In accordance with	IEC61643-11:2011; UL1449-4th				
Category IEC/VDE	III / D				
Max. continuous Current rating	10A		16A		
Nominal Voltage Un	100-130V 1 ϕ 2W	200-250V 1 ϕ 2W	100-130V 1 ϕ 2W	200-250V 1 ϕ 2W	
Max. continuous operating voltage (AC)	175	320	175	320	
Protection modes	Line-Neutral, Line-Earth, Neutral-Earth		Line-Neutral, Line-Earth, Neutral-Earth		
Nominal discharge current(8/20) In/mode	5kA		5kA		
Max. discharge current(8/20) I _{max} /mode	10kA		10kA		
Max. discharge current(8/20) I _{max} /phase	20kA		20kA		
Voltage protection level(L-N)	@In	<0.8kV	<1.2kV	<0.8kV	<1.2kV
	@VPR	<0.7kV	<1.0kV	<0.7kV	<1.0kV
Temporary overvoltage - TOV	195VAC	370VAC	195VAC	370VAC	
Internal protection (fusing)	Thermal fusing on primary MOVs				
External disconnector requirements	10A HRC fuse		16A HRC fuse		
Environment	-10 to 60°C, 0 to 90%RH (non-condensing)				
Cross-section of connection wire	multi-strand 1.3- 2.5mm ²				
Mounting	35mm DIN-rail in accordance with EN 50022/DIN46277-3				
Enclosure material	thermoplastic; extinguishing degree UL94 V-0				
Degree of protection	IP20				
Indicators	LED Alarm, Green - Normal, LED off - fail				
Dimensions	87(L)×36(W)×59(H)mm				