

Type II Surge Protector for Power Supply

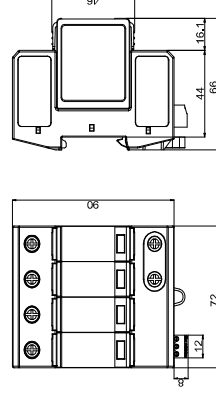
- Lossless filtering technology
- Unique arc extinguishing technology
- Reliable temperature control tripping technology
- Capable of directly protecting terminal equipment
- Low residual voltage, providing excellent protection
- Long service life
- Fault indication, remote signaling contact
- Module identification lock to prevent misinsertion
- Module release button for easy replacement
- 35mm DIN rail module



☆ Pluggable shockproof module integrated base, Class II/2 level surge protector, suitable for TN-S and TT distribution systems, typically installed in lightning protection zone LPZ0v-3 and subsequent zones.

RoHS, UL 94 V-0, TUV, CE, UL 1449	
Articles	DSPT-T2-385-40M-31R
Order Number	30070000143
Electrical Parameters	
Normal Voltage (U _n)	230V/400V
Maximum Continuous Voltage (U _c)	385Vac(L-N), 255Vac(N-PE)
Nominal Discharge Current (8/20μs)(I _n)	20kA
Maximum Discharge Current(8/20μs)(I _{max})	40kA
follow current interrupt rating (I _c)	/
Voltage Protection Level (U _p)	1.8kV(L-N), 1.5kV(N-PE)
Voltage Protection Level (U _p) @ 5kA	1.3kV
Response Time	≤25ns
Maximum Backup Fuse with branch wiring	≤125Agl/gG
Short-Circuit Current Rating(I _{scrc})	25kArms
Temporary Overvoltage (TOV) (U _t)	440V/5s
TOV Characteristics	Endurance
Connection Data	
Maximum Wiring Area	25mm ² Single Core Wire / Flexible Wire
Minimum Wiring Area	1.5mm ² Single Core Wire / Flexible Wire
Stripping Length	10mm
Screw Torque	3N.m
Alarm Information	
Working Status/Fault Indication	Green/Red
Remote Signaling Contact Type	Floating Changeover Contact
Remote Signaling Contact Switching Capacity	Maximum:125Vac/1A, Minimum:5V/1mA
Remote Signaling Contact Maximum Wiring Area	1.5mm ²
Remote Signaling Contact Stripping Length	7mm
Remote Signaling Contact Screw Torque	0.2N.m

Dimensions	
Length	90mm
Width	72mm
Height	66mm
Material Specifications	
Housing Material	Thermoplastic Material, UL94 V-0 compliant.
Environmental Conditions	
Installation Location	Indoor use only
Operating Temperature	-40°C...+85°C
Relative Humidity	≤95%(max 40°C)
Altitude	≤4km
Protection Class	IP20
Standard Specifications	
Based on IEC 61643-1/11	Class: II
Based on EN 61643-11	Class: 2
Based on GB/T 18802.11	Class: II
Number of Ports	1
Technology	MOV&GDT
Installation	
Installation Type	DIN Rail: 35mm

Dimensional Drawing

Circuit Diagram
