



DIN rail, Type 2 / Class II multi-purpose SPD with anti-vibration pluggable module for use in TN-C or IT system at boundaries from LPZ 0_B-1 and higher.

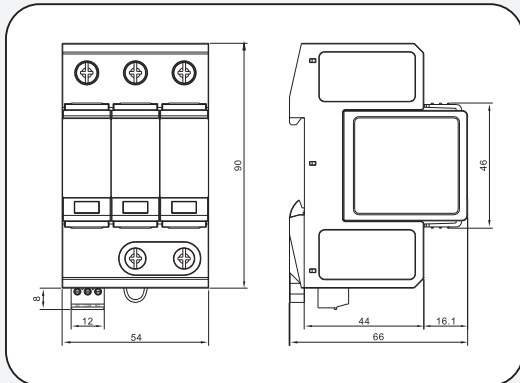
Features

- Non-destructive screening technology for MOV
- Reliable thermo disconnect device
- High discharge capacity
- Consisting of a base part and pluggable modules
- Easy replacing and anti-vibration due to module releasing and locking system
- Multifunctional terminals for connecting conductors and busbars
- Visual and remote status indication

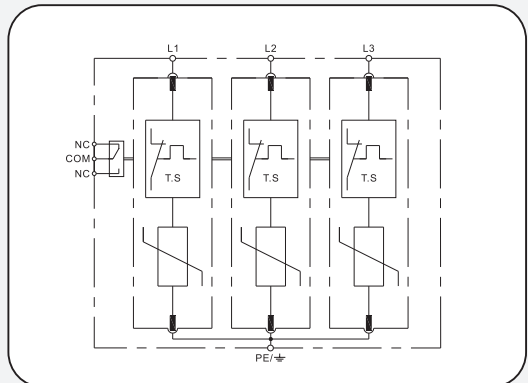
Approval

TUV、CE、RoHS、UL 94V-0

Dimension drawing



Circuit diagram

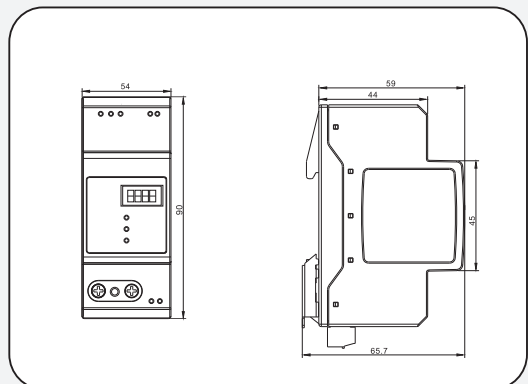


Monitoring module

Function: degradation monitoring
lightning monitoring
system communication



Dimension drawing



name	type	page
SPD monitoring module	LCS1-11	84

Type	S760AC-3+0		S760AC-3+0-S
Part No.	92 30 15		92 30 16
Electrical			
SPD according to IEC 61643-1/11			Class II
SPD according to EN 61643-11			Type 2
SPD according to GB 18802.1			Class II
Number of ports			1
Technology			MOV
Nominal Voltage (U _n)			400 / 690 Vac
Max. continuous operating voltage (U _c)			760 Vac
Nominal discharge current (8/20 μs) (I _n)			15 kA
Max. discharge current (8/20 μs) (I _{max})			25 kA
Voltage protection level (U _p)			3.0 kV
Voltage protection level for 5kA (U _p)			2.5 kV
Response time (t _r)			≤ 25 ns
Max. overcurrent protection			≤ 100 AgL / gG
Short circuit withstand capability (I _{scw})			25 kA _{ms}
Temporary overvoltage (TOV) (U _T)			800 V / 5 s
TOV characteristic			Withstand
Mechanical			
Method of mounting			35 mm DIN rail
Enclosure dimensions (HxWxD)	90 mm × 54 mm × 66 mm		+ 90 mm × 54 mm × 66 mm
Cross-sectional area (max.)			25 mm ² stranded / flexible
Cross-sectional area (min.)			1.5 mm ² stranded / flexible
Stripping length terminals			10 mm
Torque contacts			3 N*m
Indication			
Operating status/fault indication			Green / red
Type of remote signaling contact			Changeover contact
Switching capacity			125 Vac / 1 A, 125 Vdc / 0.2 A
Cross-sectional area for remote signaling terminals (max.)			1.5 mm ²
Stripping length for remote signaling terminals			7 mm
Torque contacts for indication terminals			0.2 N*m
Environmental			
Location category			Indoor only
Operation temperature range (T _u)			-40°C ... +70°C
Relative humidity			≤ 95%
Operation altitude			≤ 4 km
Degree of protection			IP 20
Enclosure material			Thermoplastic, UL 94 V-0
Monitoring			
Communication mode	--		RS485/ZIGBEE
Monitoring approach	--		Remote signaling of SPD, Action time of lightning, Air-switch
Action current of lightning time	--		current of lightning ≥ 3kA
Reset	--		software