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

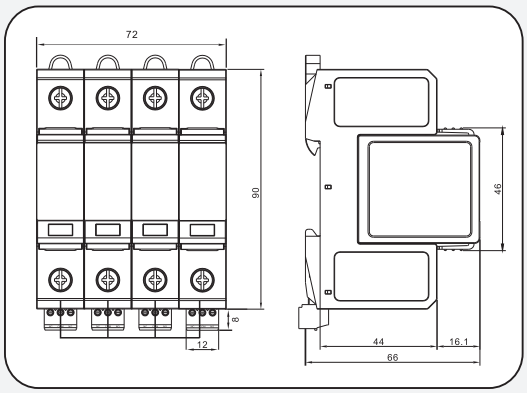
Features

- 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

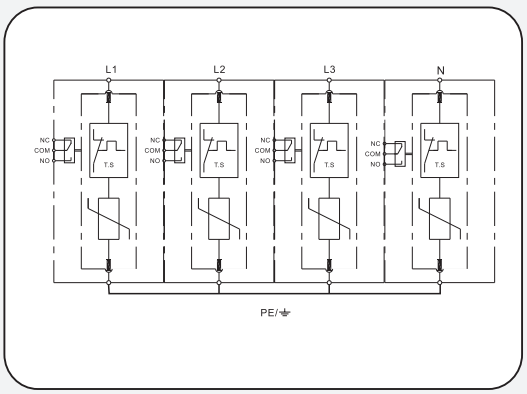
Approval

TUV、CE、RoHS、UL 94V–0

Dimension drawing



Circuit diagram

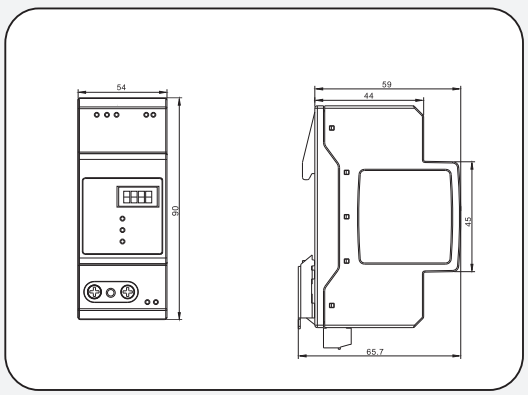


Monitoring module

Function: degradation monitoring
lightning monitoring
system communication

name	type	page
SPD monitoring module	LCS1-11	84

Dimension drawing



Type	S760AC-4+0	S760AC-4+0-S
Part No.	92 40 20	92 40 21
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_A)	⩽ 25 ns	
Max. overcurrent protection	⩽ 100 AgL / gG	
Short circuit withstand capability (I_{SCW})	25 kA_{rms}	
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 × 72 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