

◆ GS-T1T2-AC/N PRODUCT-DETAILS

1. Meets both Class I (10/350 μ s waveform) and Class II (8/20 μ s waveform) SPD tests
2. Based on zinc oxide technology
3. Using 34S-H high-performance MOV, the maximum will be up to 10/350 μ s 8ka
4. No power frequency continuous flow
5. The operating environment temperature is $-40^{\circ}\text{C}\sim+80^{\circ}\text{C}$
6. Remote signaling function is optional.
7. When product fails, the green window turns to red and remote signaling provides remote alarm function



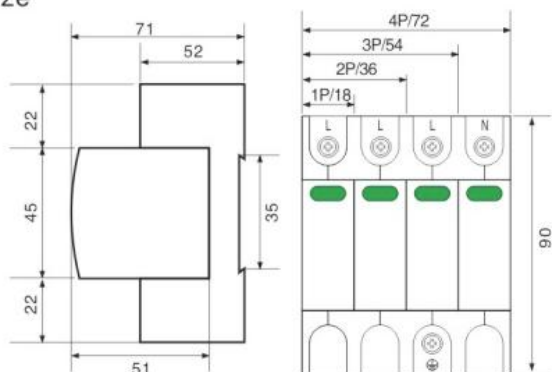
Technical Data

SPD Typ	Type 1+2/Class I+II				
Technology	Mov(Metal oxide varistors)				GDT
Protection mode(s)	L-PE/N-PE				NPE
Nominal voltage (a.c.) [Un]	220V	300V	380V	400V	255V
Max.continuous operating voltage(a.c.) [Uc]	275V	320V	385V	420V	255V
Nominal discharge current(8/20 μ s) [In]	20kA		20kA	20kA	
Max.discharge current (8/20 μ s) [Imax]	50kA		50kA	50kA	
Lightning impulse current(10/350 μ s) [Iimp]	7kA		6.25kA	7kA	
Protection level [Up]	$\leq 1.5\text{kV}$	$\leq 1.6\text{kV}$	$\leq 1.8\text{kV}$	$\leq 2.0\text{kV}$	$\leq 1.5\text{kV}$
Response time [tA]	$\leq 25\text{ns}$				
Temporary overvoltage(TOV) withstand - 5 sec [Ut]	335V	440V	440V	620V	335V
Admissible short-circuit current [Iscsr]	25kA				
Max.backup fuse	125A gL/Gg				

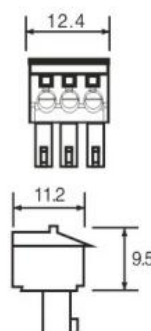
Mechanical Data

Current	AC System
SPD configuration	Single/Three phase
Plugable	Available
Mounting	35mm DIN rail
Material	Thermoplastic, UL 94 V-O
Operating temperature	$-40^{\circ}\text{C}\dots +80^{\circ}\text{C}$
Protection rating	IP20
Operating state /fault indication	Green/Red
Remote Signaling	Optional
Wiring for remote signaling	Max 1.5mm solid/flexible
Max. Voltage/Current for remote signaling	250V/0.1A; 125V/0.2A; 75V/0.5A
Standards compliance	IEC 61643-11/EN 61643-11
Certificate	CE, TUV, RoHS, CB

Size



Remote Signaling



WR...+FS	05-1.5mm ² AWG 28-16Cu	0.2Nm 1.7lbs-in
Working Voltage	30V DC	
Working Current	50mA	
Contact Resistance	$\leq 100\text{m}\Omega$	
Insulation Resistance	$\geq 100\text{m}\Omega$	
Press Force	$30 \pm 15\text{gf}$	
Life	≥ 1000000	