



Weather protected

3SU1 surge protection device (SPD) is compoud with two thunderbolt protection chips, one normal chip and a spare chip in the module. When the normal chip comes across thunder stroke or aging deterioration, the spare chip will be put into service automatically, meanwhile, sending signal to alarm.

Technical parameters

Max. continuous working voltage	Uc	275V/320V/385V/420V--50Hz/60Hz			
Nominal release current (8/20)	In	5kA	8kA	15kA	20kA
Max. release current (8/20)	max	8kA	15kA	40kA	65kA
Voltage protection level	Up	1.0KV/1.2KV/1.5KV/1.8KV/2.0KV			
Response time	tA	≤25ns			
Operating temperature range		-40°C+80°C			
Cross-section of mounting wire		Min. 1.5mm ² solid wire, Max. 35mm ² strand wire/25mm ² solid wire			
Case material		Fire retardant reinforcement PA66, PC, PBT, fire retardant level VO			
Protection level		C, D			