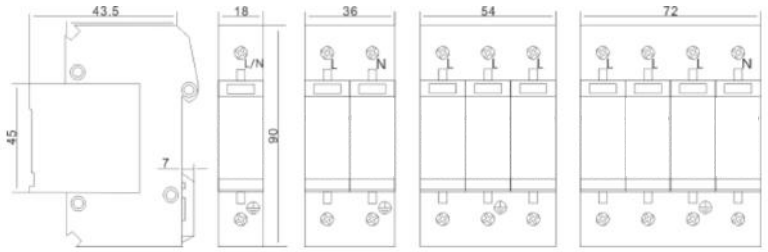
SPD-C2 Surge Protection Devices Datasheet - Three Phase

SPD-3PC2 (TN-C-S), SPD-3PNEC2 (TT) & SPD-4PC2 (TN-S)

DIN rail AC Surge Protective Devices (SPD's) are connected in parallel and use an MOV to clamp high-voltage surges. These devices are primarily used in the main electrical panel for the protection of single and three phase systems.

The SPD-C2 range meets the type 2 requirement class according to IEC 61643-11. These devices protect low-voltage consumer systems from overvoltages of all types and are available in single-pole to four-pole versions. The use of high-performance varistors permits a rapid response time and a low protection level. If there is a risk of fire from an overload, the internal cut-off unit disconnects the device from the mains if necessary.

- High arresting capacity
- Visual status display
- Available with optional remote signalling
- Vibration-proof
- Simple standard DIN rail mounting
- Labelled connections
- Voltage encoding



Model: SPD-C2 Range			
Maximum continuous voltage AC	Uc	V	275
SPD to EN 61643-11			Type 2
SPD to IEC 61643-1			class II
Nominal discharge current (8/20µs)	In	kA	20
Maximum discharge current (8/20µs)	Imax	kA	40
Voltage protection level	Up	kV	< 1,3
Response time	tA	ns	< 25
Maximum back-up fuse		A	125
Temperature range	ϑ	°C	-40°C~+85°C
Protection rating			IP 20
Max. cable cross-section flexible (fine-wire)		mm²	25
Max. cable cross-section rigid (single wire/multi-wire)		mm²	35