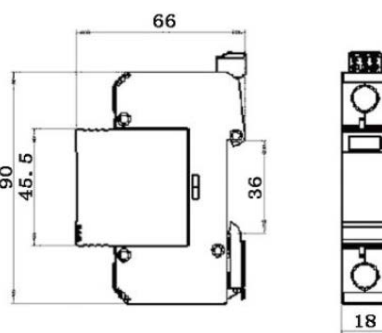
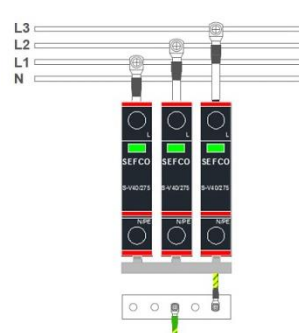


Basic circuit diagram



Dimension drawing



Wiring for S-V80P/275 x 3

Surge Protection Devices

Type2 AC surge arrester designed for low voltage power supply system protection against surges at the boundaries from lightning protection zone 1-2 and higher.

- Comply with IEC 61643-11
- MOV technology suitable for various protection application
- Pluggable design, easy replaced without any tools.
- High Discharge Capacity with 8/20 us waveform, I_{max} 80kA
- Visual status indication and remote signal contact available.

Technical Data

Type		S-V80P/275-S
In accordance with		IEC61643-11:2011
Category IEC/VDE		II / C
Max. continuous operating voltage (AC/DC) U _c		275/350
Nominal discharge current(8/20) I _n		40 kA
Max. discharge current(8/20) I _{max}		80 kA
Voltage protection level U _p	@ I _n	<1.3 kV
	@ VPR	<1.0 kV
Response time		≤ 25 ns
Backup fuse(only required if not already provided in mains)		125A gL/gG
Operating temperature range		- 40°C ~ + 80°C
Mounting		35mm DIN-rail in accordance with EN 50022/DIN46277-3
Enclosure material		thermoplastic; extinguishing degree UL94 V-0
Degree of protection		IP20
Installation width		1 module, DIN 43880
Thermal disconnect		Internal green – normal ; red - failure
Remote alarm contact		Optional
Approvals, Certifications		CE