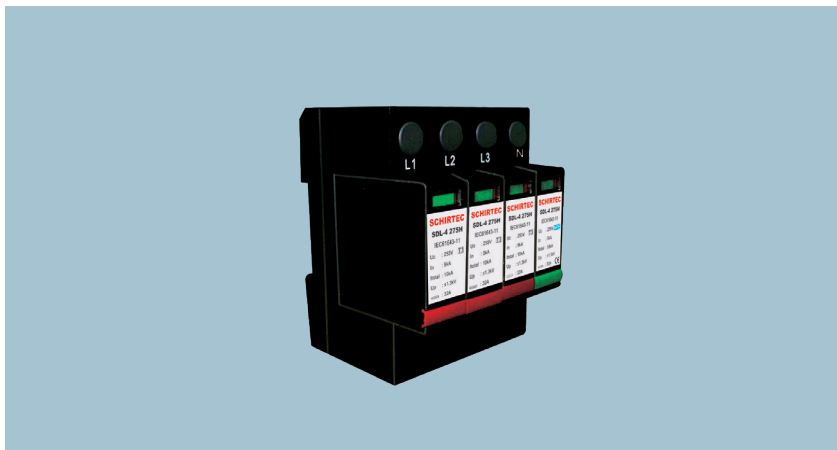




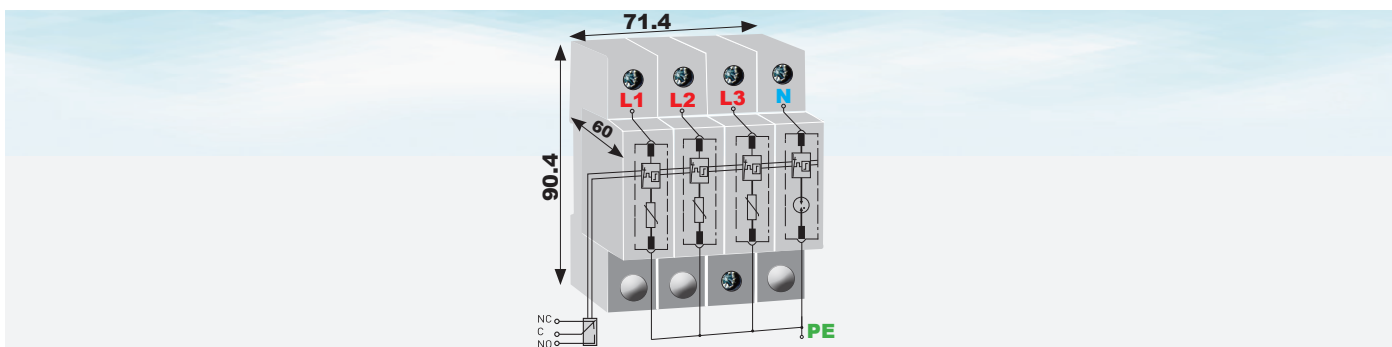
surge  
protection

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## SDL-4 Type 3 Surge Arrester

- Status indication
- Optional Remote Signal



- Type 3 AC surge arrester designed for low-voltage power supply system protection against surges at the boundaries from lightning protection zone 2-3 and higher.
  - Comply with IEC 61643-11, 3 poles SPD apply to TT and TN systems ("3+1" circuit)
  - Pluggable design, easy replaced without any tools.
  - High Discharge Capacity with 8/20  $\mu$ s waveform,  $I_{max}$  10kA
  - High reliability due to thermal disconnection device
  - Fast response
  - Visual status indication and remote signal contact available.

		SDL-4 275H
SPD according to EN61643-11:2011,UL 1449-47h		Type 3
Normal a.c. voltage	Un	275V
Max. continuous operating a.c. voltage	Uc	255V
Nominal discharge current (8/20 $\mu$ s)	In	5kA
Nominal discharge current (8/20 $\mu$ s)	I <sub>total</sub>	10kA
Voltage protection level L-N	Up	≤1.3kv
Voltage protection level L / N-PE	Up	≤1.5kv
Response time L-N	t <sub>A</sub>	≤25ns
Response time L / N-PE	t <sub>A</sub>	≤100ns
Backup fuse		32A gL/gG
Temporary Overvoltage (TOV) U <sub>T</sub> L-N		335 V / 5 sec.
Temporary Overvoltage (TOV) U <sub>T</sub> L/N - PE		335V / 120 min.
Cross-section of connection wire		Single-strand 35mm <sup>2</sup> ; multi-strand 25mm <sup>2</sup>
Operating temperature range	Tu	-40°C +80°C
Operating state/fault indication		green/red
Cross-section area (Min.)		2.5mm <sup>2</sup>
Cross-section area (Max.)		15mm <sup>2</sup>
For mounting on		35mm Din rail
Enclosure material		Thermal plastic UL94-V0
Degree of protection		IP20