

THE POWERLINE SERIES

12-00270

SS25 Single-pole surge arrester (non-pluggable)

Class 2 arrester for installation in the LPZ OB - 1 Lightning Protection Zone in accordance with IEC 61643-1

Features

- High energy zinc oxide varistor
- Fault disconnect device
- Fault indication
- Fast response time



Specifications

Rated voltage	275VAC
Maximum continuous operating voltage	350VDC
Nominal discharge current (8/20)	10kA
Maximum discharge current (8/20)	30kA
Voltage protection level at 5kA (8/20)	<math>< 1kV</math>
Voltage protection level at I_{sn}	<math>< 1.3kV</math>
Response time	<math>< 25nS</math>
Backup fuse (only required if not already provided in mains)	80A gL/gG
Short circuit withstand capability with maximum backup fuse	25kA / 50Hz
Operating temperature range	-40°C to +80°C
Mounting on	25mm DIN rail
Enclosure material	Green thermoplastic
Degree of protection	IP20
Installation width	18mm
Tested in accordance to	IEC 61643-1

Designed and Manufactured by:

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