

THE POWERLINE SERIES

NEW

SS40 SINGLE-POLE SURGE ARRESTER

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
- Compact design

Order Codes

12-00237
SS40 275
Non-pluggable
12-00379
SS40 275 RC
Non-pluggable
Remote contacts

Specifications

Rated voltage	275V~
Maximum continuous operating voltage	350V~
Nominal discharge current (8/20)	20kA
Maximum discharge current (8/20)	40kA
Voltage protection level at 5kA (8/20)	<math>< 1kV</math>
Voltage protection level at I_{sn}	<math>< 1.5kV</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	Red thermoplastic
Degree of protection	IP20
Installation width	18mm
Tested to	SABS / IEC 61643-1