

SS40 TT Surge arrester for single-phase systems

Features

- Compact design
- Protection flag status
- Pluggable modules
- Remote signaling contacts

A compact surge arrester for single-phase installations. A potential equalisation gap device has been included for neutral/PE connection to comply with the requirements of SABS/IEC 61312-1. Remote signalling contacts have been included.



*Specifications subject to change without prior notice due to continuous improvements

Specifications		
Power Surge Protection	L - N	PE - N
Nominal voltage	230/400VAC / 50Hz	230/400VAC / 50Hz
Rated voltage (maximum continuous operating voltage at 50Hz)	275VAC	275V
Nominal discharge current (8/20) (per pole)	20kA	20kA
Maximum discharge current (8/20) (per pole)	40kA	40kA
Follow current exting. capability at Uc	-	100Arms
Lightning impulse current (10/350)	-	12kA
Voltage protection level at 5kA (8/20)	<1kV	-
Voltage protection level at Isn	<1.5kV	-
Lightning impulse spark-over (1.2/50)	-	<1.5kV
Response time	25ns	100ns
Backup fuse (only required if not already provided in mains)	80A gL/gG	-
Short circuit withstand capability with maximum backup fuse	50kA / 50Hz	-
Operating temperature range	-40°C to +80°C	
Enclosed material	Thermoplastic	
Degree of protection	IP20	
Installation width	36mm (2 modules)	
Tested in accordance to	SABS / IEC 61643-1	

