

SVI SERIES

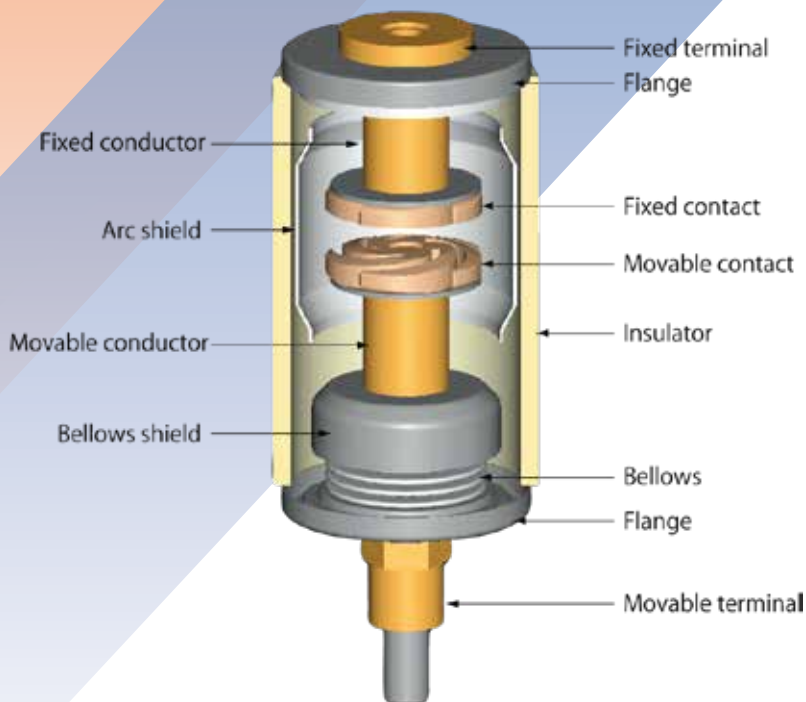
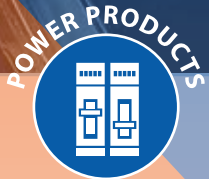
VACUUM INTERRUPTER

Salient Features

- Simplified arc quenching method - The spiral contact assures a high arc driving efficiency.
- Simplified construction and high quality complete degassing and hermetical sealing - Our vacuum furnace produces bottles with long-lasting vacuum.
- No evacuation tube - Since we manufacture vacuum interrupters using ceramic envelopes in a vacuum furnace, an evacuation tube is not required.
- Great recovery strength - gives excellent performance for capacitor bank switching.

Application

- Vacuum Circuit Breakers and Contactors
- Ring Main Unit
- Auto Recloser
- Tap Changers for Transformers



Technical Data

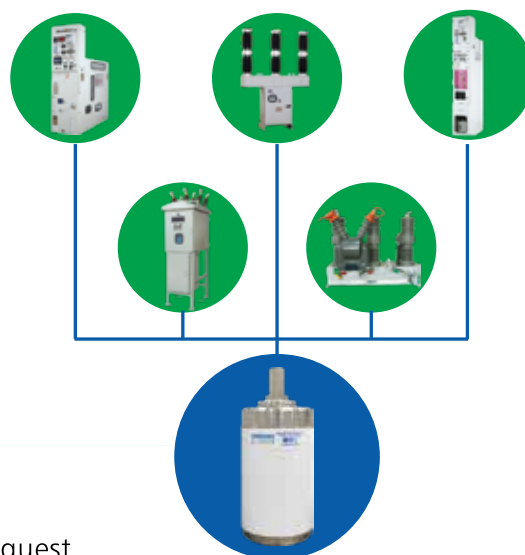
Type		SVI1226-16A	SVI1226-20A	SVI3625-16A
Parameters	Unit	Value	Value	Value
Rated Frequency	Hz	50/60	50/60	50/60
Rated Voltage	kV	12	12	36
Rated Power - Frequency withstand Voltage (1 Min)	kV	35	35	70
Rated Lightning impulse withstand voltage (Peak)	kV	95	95	170
Current Rating				
Rated Normal Current	A	1250/2000	2000	1600
Contact resistance at lowest rated contact force	$\mu\Omega$	≤ 20	≤ 20	≤ 20
Rated short circuit breaking current	kA	26.3	26.3	26.3
Rated short time withstand current	kA	26.3	26.3	26.3
Rated duration of short circuit	Sec	3	3	3
Rated withstand current (peak value)	kA	67.75	67.75	67.75
Rated short circuit making current(peak value)	kA	67.75	67.75	67.75
Percentage D.C component of rated S.C Breaking current	%	40	40	40
Rated operation of short circuit breaking current interruption	Nos.	100	100	100
Rated Single capacitor bank breaking current	A	400	400	400

VACUUM INTERRUPTER (VI) A STATE OF THE ART TECHNOLOGY PRODUCT



USE OF VACUUM INTERRUPTER IN MV PRODUCTS

- State Of The Art In-house Facility
- 100% Routine Test In-line With IEC Requirement
- Type Tested Designs And Proven Performance Record



Note: Higher rating Vacuum Interrupters are available on request

- There is a continuous effort at Stelmec to keep abreast of latest technology in line with customer requirements and hence the product specifications are subject to change.
- Products described in this catalogue are manufactured and supplied according to the Certified Management System ISO 9001:2015.