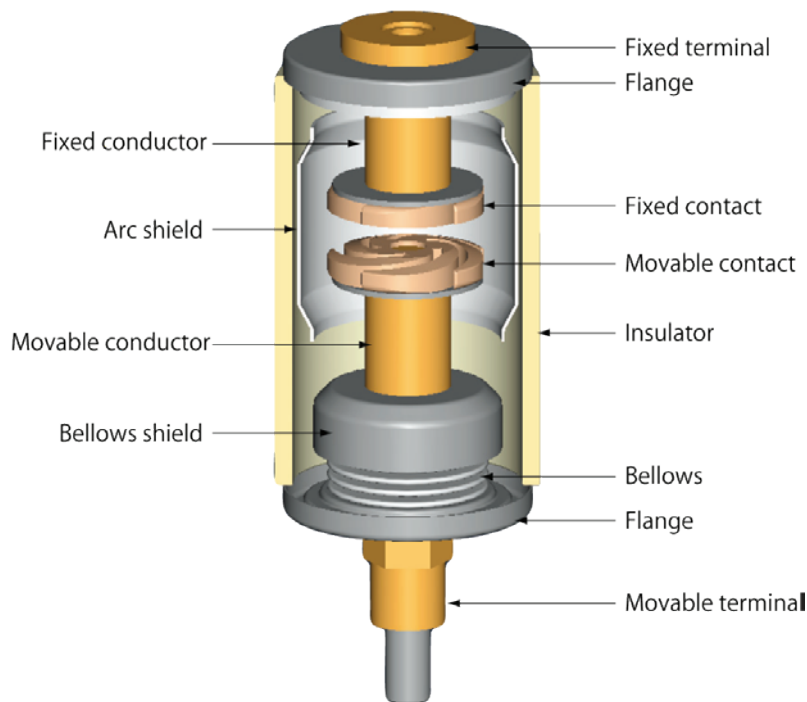


# SVI SERIES

## 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

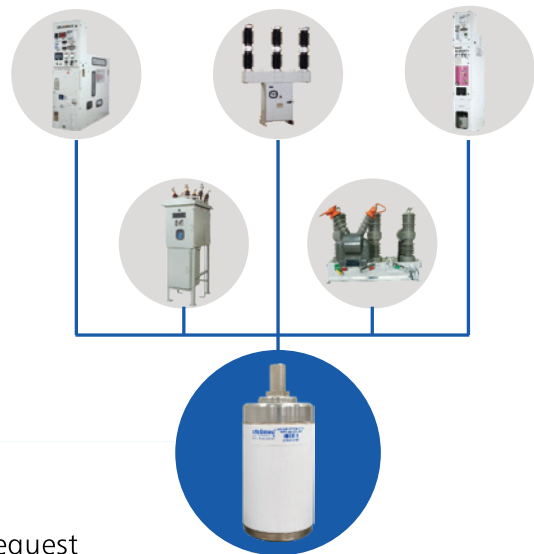
| Type   |             | SVI1226-16A | SVI1226-20A | SVI3625-16A | SVI3625-16A |
|--|-------------|-------------|-------------|-------------|-------------|
| Parameters   | Unit        | Value       | Value       | Value       | Value       |
| Rated Frequency  | Hz          | 50/60       | 50/60       | 50/60       | 50/60       |
| Rated Voltage  | kV          | 12          | 12          | 36          | 12          |
| Rated Power - Frequency withstand Voltage (1 Min)              | kV          | 35          | 35          | 70          | 32/38       |
| Rated Lightning impulse withstand voltage (Peak)               | kV          | 95          | 95          | 170         | 95          |
| Current Rating   |             |             |             |             |             |
| Rated Normal Current   | A           | 1250/2000   | 2000        | 1600        | 630         |
| Contact resistance at lowest rated contact force               | $\mu\Omega$ | $\leq 20$   | $\leq 20$   | $\leq 20$   | $\leq 25$   |
| Rated short circuit breaking current                           | kA          | 26.3        | 26.3        | 26.3        | 21          |
| Rated short time withstand current                             | kA          | 26.3        | 26.3        | 26.3        | 21          |
| Rated duration of short circuit                                | Sec         | 3           | 3           | 3           | 3           |
| Rated withstand current (peak value)                           | kA          | 67.75       | 67.75       | 67.75       | 52.5        |
| Rated short circuit making current(peak value)                 | kA          | 67.75       | 67.75       | 67.75       | 52.5        |
| Percentage D.C component of rated S.C Breaking current         | %           | 40          | 40          | 40          | 50          |
| Rated operation of short circuit breaking current interruption | Nos.        | 100         | 100         | 100         | 100         |
| Rated Single capacitor bank breaking current                   | A           | 400         | 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.