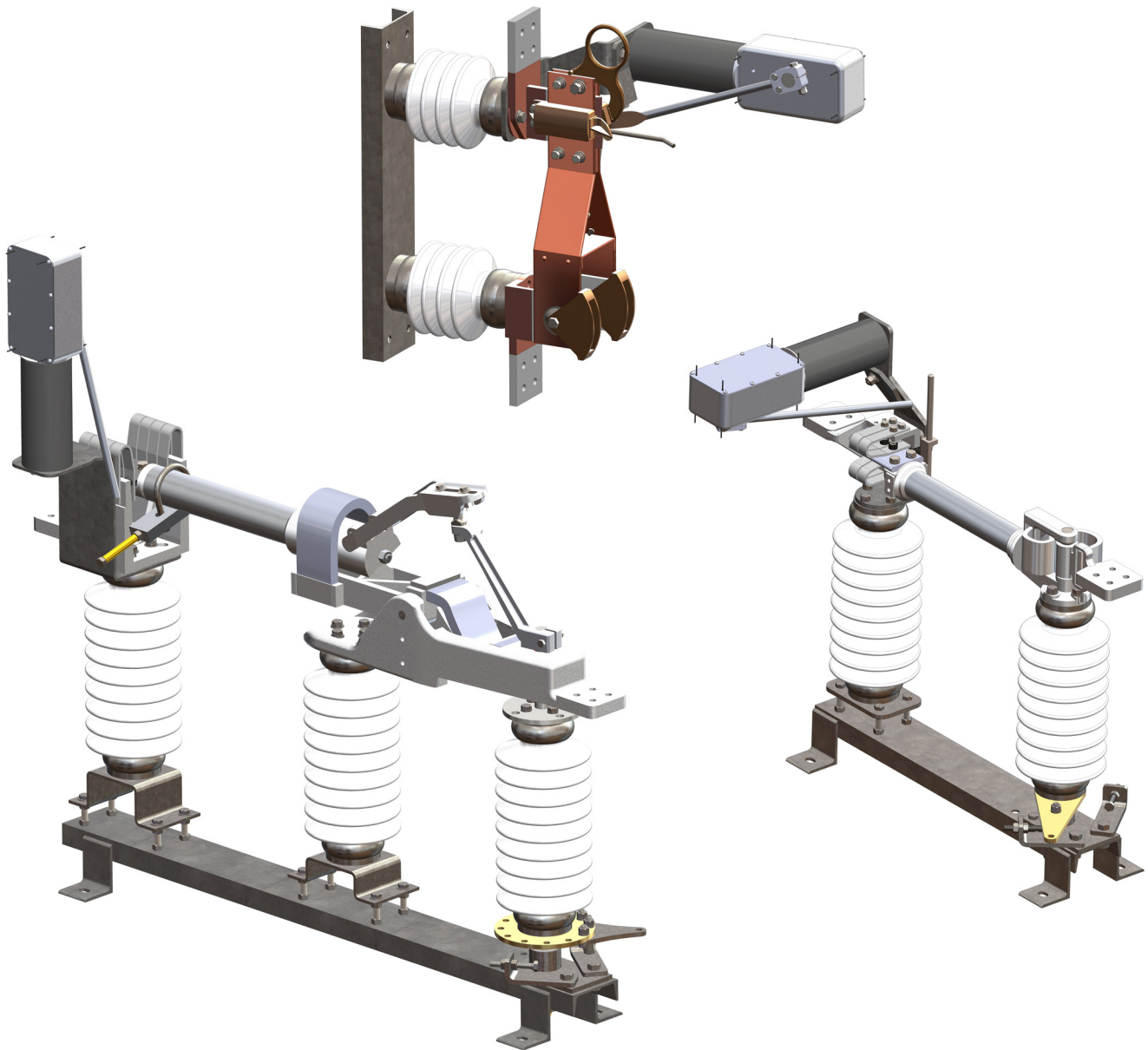


# TYPE RVI38 VACUUM INTERRUPTER

110-191028.1  
(Rev. of 110-140307.1)



- Provides additional current interrupting capabilities for most types of Royal switches



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## TYPE RVI38 VACUUM INTERRUPTER

The Royal type RVI38 vacuum interrupter is an economical way to convert an air break switch into a load break switch. The interrupter may be added to the

following Royal switches - vertical break, side break, vee, center-break, and Type BT hookstick switches. Consult factory for switch types not listed.

- Full load switching at system voltages up to 38kV line-line.
- Loop splitting and parallel switching up to 170 kV provided maximum recovery voltages are not exceeded.
- Vacuum switch is enclosed in a fiberglass housing and encapsulated in a dielectric foam to protect and seal from the environment for years of maintenance-free service.
- Not a one shot device; the RVI38 can provide reliable full load interruptions time after time.
- High speed contact separation for reliable interruption independent of the speed of operation of the air break switch.
- The RVI38 does not adversely impact the electrical ratings of the disconnect switch. The current flows through the interrupter only briefly during the opening operation of the disconnect switch.



| RVI38 SWITCHING CAPABILITIES |               |        |            |            |                         |                          |
|------------------------------|---------------|--------|------------|------------|-------------------------|--------------------------|
| KV NOM.                      | KV (L-L) MAX. | BIL    | LOOP SPLIT | LOAD BREAK | TRANSFORMER MAGNETIZING | ISOLATED CABLE SWITCHING |
| 7.5                          | 8.3           | 95 KV  | 2000 A     | 2000 A     | 21 A                    | 20 A                     |
| 15                           | 15.5          | 110 KV | 2000 A     | 2000 A     | 21 A                    | 20 A                     |
| 23                           | 27            | 150 KV | 2000 A     | 2000 A     | 21 A                    | 20 A                     |
| 34.5                         | 38            | 200 KV | 2000 A     | 2000 A     | 21 A                    | 20 A                     |
| 46                           | 48.3          | 250 KV | 2000 A     | -          | -                       | -                        |
| 69                           | 72.5          | 350 KV | 2000 A     | -          | -                       | -                        |
| 115                          | 123           | 550 KV | 2000 A     | -          | -                       | -                        |
| 138                          | 145           | 650 KV | 2000 A     | -          | -                       | -                        |
| 161                          | 170           | 750 KV | 2000 A     | -          | -                       | -                        |



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