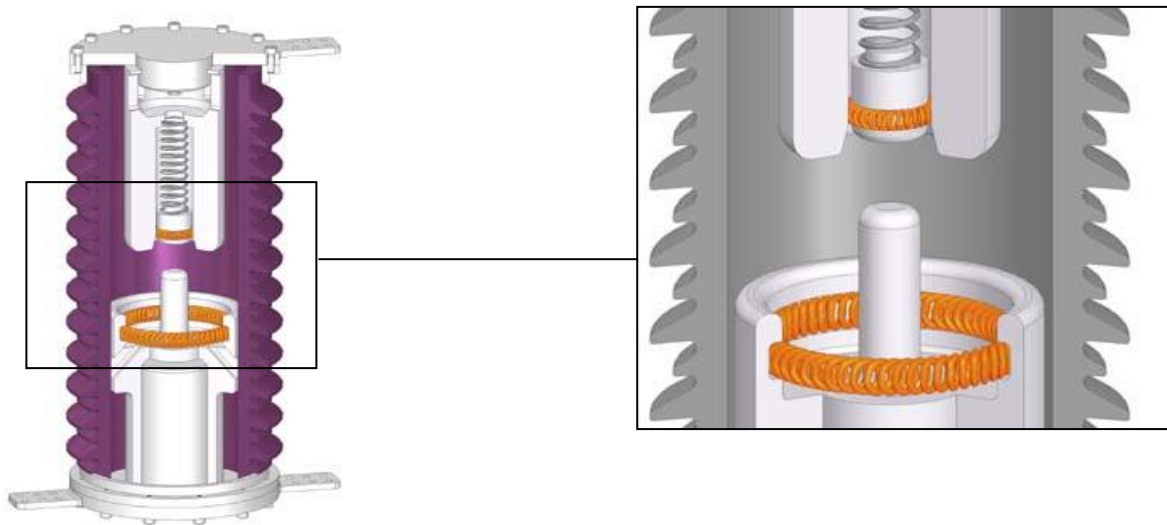


BAL CONTACT™ SPRINGS FOR MEDIUM- AND HIGH-VOLTAGE SWITCHGEAR

Bal Contact™ springs provide excellent electrical and mechanical performance for high- and mid-voltage switchgear. The small coil size and the high number of coils make the springs suitable for compact designs. The patented canted coil spring has near-constant spring contact force over a wide range of working deflection, and compensates for large mating tolerances and surface irregularities. The Bal Contact™ spring provides long life and excellent service in shock, vibration, and other mechanical conditions.



Operating Parameters

Continuous current:	3,500 A
Short circuit current:	35 KA/3 sec
Disconnect force:	150 N; (33.72 lbs);(15295 g)
Plug diameters:	50 mm (1.97 in)
Spring selection:	109-X3784R
Spring Material:	Silver-plated copper alloy

Features of Bal Contact™ Spring:

- Unique configuration enables spring to fit into compact designs.
- Use of minimal part count simplifies connector design.
- Canted-coil spring allows long life and minimal wear on mating surfaces.
- Canted-coil spring permits relatively large tolerances on mating parts for low production costs.
- Highly concentrated force at multiple contact points provides improved electrical contact efficiency.

For more information and technical assistance, consult the Technical Sales Department.

PATENTS: The items described in this page include products that are the subject of issued United States and foreign patents or products where patents are pending, including the following: Patents 6,641,141 B2; 7,210,398 B2; 6,161,838; 5,992,856; 5,134,244

ISO 9001:2000

