



MVBC SERIES

Medium Voltage Busbar-to-Cable
Connection Kit Rated 1-35 kV

Description

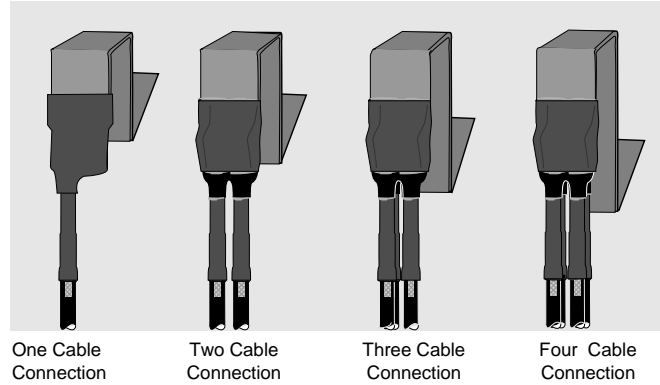
The Innovative Power Products MVBC series busbar connection kits are heatshrinkable kits for the flashover protection and insulation of busbar-to-cable connections rated 1-35 kV. They use non-tracking tubing, sealant and four finger cable breakout boot and plugs (2-4 cables per connection only) to insulate and protect the busbar-to-cable connections from environmental pollution and accidental phase-to-phase or phase-to-ground contact caused by animals or other external factors. The MVBC kits greatly simplify field installation methods for making busbar-to-cable connections by eliminating hand-applied tapes and fillers. This time reduction can dramatically increase the amount of installations accomplished during a shutdown.

Versatility

MVBC has great range-taking capability. Each kit covers a wide cable and busbar size range. They can be installed using a propane torch or hot air device on both copper and aluminum busbars. When it becomes necessary to break the connection for system testing or equipment replacement, a BCRK rework kit can be used in place of the MVBC kit. The BCRK kit contains fewer components than the MVBC kit and is less expensive, providing a lower installed cost.

Performance

MVBC series kits are factory engineered to provide fast and easy installations with reliable lifetime performance. All MVBC and BCRK kits meet the requirements of the applicable sections of ANSI C37.20c for systems rated to



35 kV, and the IEC requirements for systems rated to 36 kV.

Kit Contents

The MVBC series kit consists of the following:

- corona-resistant, heavy wall tubing
- woven fiberglass bolt pad
- cable breakout boot (for 2-4 cables per connection only)
- sealant strips
- installation guide

The BCRK series kit consists of the following:

- corona-resistant, heavy wall tubing
- sealant strips
- installation guide

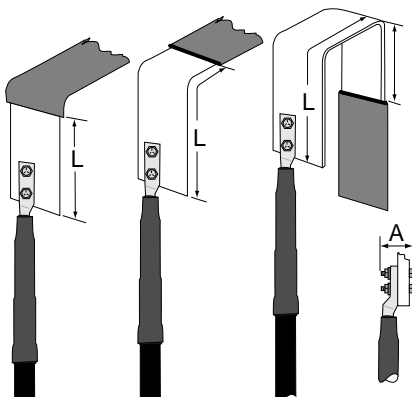
Related Product Information

MVBC & BCRK series:

- Price List PL-725

Selection and Ordering Information

Find the cable and busbar size and select the kit. Busbar thickness must not exceed 5/8".



Cable Size Range/ MVBC Kit Range <i>Dimensions in inches</i>	Number of Cables/ Busbar	MVBC	MVBC	Maximum	
		Catalog No. 2-4" busbar	Catalog No. 5-6" busbar	Dimensions A	L
4 AWG-1000 kcmil	1	MVBC 41	MVBC 61	2.00	9.00
4 AWG-1000 kcmil	2-4	MVBC 44	MVBC 64	2.00	9.00

BCRK Kit Selection

Installed MVBC Kit Catalog Number	Rework Kit 2-4" busbar	Rework Kit 5-6" busbar		
MVBC 41 or MVBC 44	BCRK 416	Not applic.	2.00	9.00
MVBC 61 or MVBC 64	Not applic.	BCRK 616	2.00	9.00