

15-LPFT200

200A, 15 kV Class Loadbreak Portable Feed Thru

APPLICATION

The Chardon 200A, 15kV Class Loadbreak Portable Feed Thru is designed to be installed on a parking stand, attached to a transformer or other apparatus. Two bushing insert loadbreak interfaces can be mated with an elbow arrester, a loadbreak elbow, or an insulated cap. When mated with other products that meets IEEE Standard 386, the Portable Feed Thru provides a fully shielded, submersible connection for loadbreak operation.

The Chardon Portable Feed Thru meets all the requirements of IEEE Standard 386, and is fully interhcangeable with competetior's products and mating products that also meet IEEE Standard 386. The indicating ring design eliminates the guesswork of loadbreak installation, it provides feedback to determine if the elbow is properly installed.

PRODUCTION TESTS

Tests conducted in accordance with IEEE/ANSI Standard 386.

Minimum Corona Voltage Level – 11 kV

AC 1 Minute Withstand – 34 kV

Tests conducted in accordance with Chardon manufacturing process requirements:

- Physical Inspection
- Periodic Dissection
- Periodic X-ray Analysis

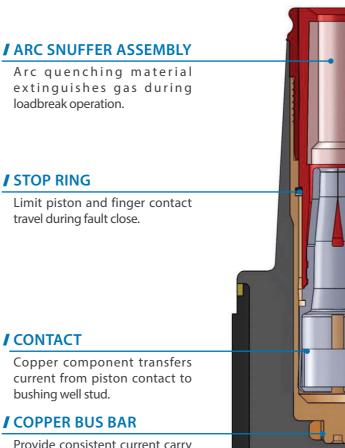
VOLTAGE RATINGS

Voltage Class	15 kV
Max. Rating Phase to Phase	14.4 kV
Max. Rating Phase to Ground	8.3 kV
AC 1 Minute Withstand	34 kV
DC 15 Minute Withstand	53 kV
BIL and Full Wave Crest	95 kV
Minimum Corona Voltage Level	11 kV

CURRENT RATINGS

Description	Test Parameters
Continuous	200 amps rms
Switching	10 operations at 200 amps rms at 14.4 kV
Fault Close	10,000 amps rms symmetrical at 14.4 kV for 0.17 s after 10 consecutive successful switching operations
Short Time	 10,000 amps rms symmetrical for 0.17 s 3,500 amps rms symmetrical for 3.0 s

DETAILED COMPOSITION OF THE CHARDON LOADBREAK PORTABLE FEED THRU



I CONTACT

Copper component transfers current from piston contact to bushing well stud.

COPPER BUS BAR

Provide consistent current carry capability during operation.

ORDERING INFORMATION

Each Portable Feed Thru kit includes the following:

- Portable Feed Thru with Bracket
- Shipping Caps (not for energized operation)
- Installation Instruction Sheet

15kV Loadbreak	15-LPFT200
Portable Feed Thru	IJ-LFFI200

• 15LPFT200-022719-REV01



I LOCKING GROOVE

Locking groove assures propera installation by "locking" into elbow.

FINGER CONTACT

Tin plated copper contact provides a consistent current transfer during switching and fault close operations.

INDICATOR RING

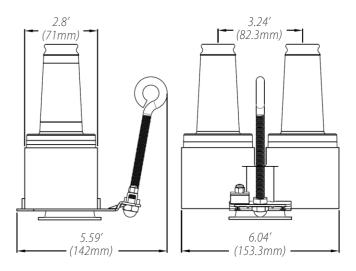
Bright yellow ring provides close indication and assures a quality connection.

INSULATION LAYER

High quality peroxide cured EPDM insulation is mixed and formulated inhouse for complete control of rubber resistance.

I CONDUCTING SHIELD

Precision molded peroxide cured conducting shield provides ground shield continuity.





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