

Issue Date: 10/11/2012

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File: PSS-1601EA4

15kV	200A Extended Bushing Insert	1601EA4
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Features:

- 15kV, 200 Amp Loadbreak Rated
- The 1601EA4 is 3.75" (95mm) longer than the standard 1601A4 Bushing Insert
- Includes hex-broach for torque installation
- Peroxide-cured insulation and jacket
- Provision for ground wire connection

1601EA4 Loadbreak Extended Bushing Insert

Applications:

The Elastimold® 1601EA4 extended bushing insert is fully rated with a 15kV class, 200 Amp load break bushing interface. The load break bushing insert fits a standard ANSI bushing well interface and becomes the apparatus bushing interface for elbow connections. Using the 1601EA4 moves the primary cables further away from the faceplate of a low profile transformer to prevent the secondary cables from interfering with the primary cables. It may be used as the bushing interface for connecting shielded cable to the following:

- Sub-surface transformers
- Generators
- Pad mounted transformers
- Regulators
- Switchgear
- Reclosers

Designed for use as an apparatus bushing interface, the 1601EA4 is easily installed in an Elastimold® universal bushing well and mated with an appropriate Elastimold® product.

Ratings:

Meets ANSI/IEEE Standard 386, Latest Revision

For 15kV Voltage Class:

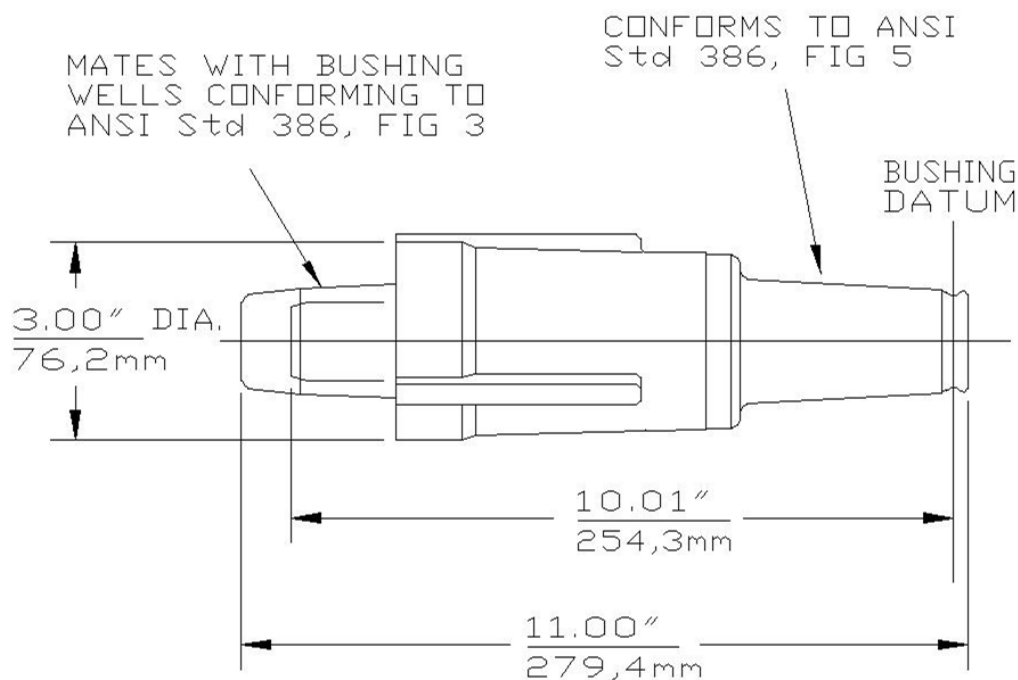
8.3kV Max Phase-to-Ground – Operating Voltage
 14.4kV Max Phase-to-Phase
 95kV BIL – Impulse Withstand (1.2 x 50 microsecond wave)
 34kV AC – One minute withstand
 53kV DC – 15 minutes withstand
 11kV AC – Corona Extinction @ 3pC sensitivity
 200 Amp – Continuous and Loadbreak
 10kA Sym – 10 Cycles Momentary & Fault Close

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Ordering Instructions:

To order, specify number **1601EA4** bushing insert.

Each kit contains the following:

1	Bushing Insert	1601EA4
1	Protective shipping cap	1601-APC-1
1	Lubricant	82-08
1	Installation Instruction	IS-361

Notes:

- Includes internal torquing feature using 200AT Assembly Tool
- Includes a Red PBT Interface Shield