



300A Load Break Switch



*Completely Redesigned
300A, Two Position,
Oil Immersed,
Loadbreak Switch.*

Features

**“True position” stored
energy spring mechanism
for 100% accurate switch
position indication**

Silver tungsten contacts

**Mono-spring contact
pressure for balanced
contact force**

**Bronze, brass, and
stainless steel hardware**

The Central Moloney Components 300 amp loadbreak switch is designed for use with transformer oil insulation. It is a two position on/off switch available in 1, 2 and 3 contact deck assemblies for use on single phase, delta, and three phase circuit configurations.

Designs are available for both horizontally mounted and vertically mounted applications.



Drip Shield



The Central Moloney Components “Drip Shield” for bayonet fuse holders meets all ANSI, CEA and CSA Standards. The “Drip Shield” is used to collect residual oil resulting from the extraction of the bayonet fuse. Available with or without absorbent pad for oil retention.

CT Lead Blocks



CT Junction Blocks are offered in up to 75 lead configuration. Several body styles are available including internally and externally clamped. Variable lead lengths with end terminations if required are available.



Wildlife Guards



An extensive line of Wildlife Guards are available for protection against short circuit outages caused by wildlife. These “Universal” guards fit most transformer, capacitor and recloser high voltage bushings. Variations include hand wheel, boot type, retrofitable and universal.

All Wildlife Guards are furnished in standard gray or red and provide provisions for lightning arresters.



Retrofit Guard (Fargo Style)



Terminal Blocks



The Terminal Block is primarily used in distribution transformers as an intermediate termination between the coil lead and high voltage bushings lead. High voltage Terminal Blocks are available up to 200KV BIL.

Central Moloney Components, Inc.

- H.V. Bushing Wells
- L.V. Bushings
- Weldable Flange Bushings
- Test Bushings
- Tap Changers
- Dual Voltage Switches
- Load Break Switches
- CL Fuse Holders
- Weak Link Fuses
- CT Lead Blocks
- Terminal Blocks
- Drip Shields
- Wildlife Guards



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200 AMP Bushing Wells



Thermoplastic

Central Moloney Components offers a revolutionary new series of 200 amp bushing wells designed to improve the reliability of padmount transformers. The "Tuf Ex-Well" is the first bolted design bushing well capable of being mounted directly to the transformer – *without the use of a metal clamp ring.*

The gasketing system features positive gasket stops to insure controlled gasket compression for maximum seal life. Additionally, the gasket is positively located by the internal shank O.D. During application the gasket cannot fall out of a groove and become pinched.

Tuf Ex-Well

Features

- No clamp ring required
- Removable or fixed stud
- Superior corrosion resistance
- Secure, compression limited gasketing
- Mounts with the industry standard hole and stud pattern



Tuf Well II

Features

- Clamp ring required
- I.D. centered gasketing
- Secure, compression limited gasketing
- Removable or fixed stud
- Internal stud shoulder for lead terminal eliminating one lead nut



Tuf Modified Well

Features

- Clamp ring required
- Removable or fixed stud
- Smaller shank diameter
- Taller interface to support thicker bushing clamps



Thermoset Epoxy

Thermoset Epoxy Bushing Wells are also available in several different variations.

Stright Well

Features

- Clamp ring required
- Removable or fixed stud
- Secure, compression limited gasketing



Tilt Well

Features

- Clamp ring required
- Removable or fixed stud
- Molded flange pretilted to 12 1/2° eliminating the need for tank hole embossment of 12 1/2°



Hi-Well Bushing



Hi Well Bushing

Directly replaces the porcelain H.V. bushings in pole mounted transformers.

Submersible Bushings



Weldable Flange HV Bushing Wells

Since 1975 Central Moloney has offered a complete line of "Weldable Flange" bushings for submersible application designed for oil or SF6 filled apparatus. They are manufactured in accordance with the design requirements of ANSI/IEEE Standard 386, and others. This extensive line includes both high voltage and low voltage bushings.

The "Weld Flange" bushing is designed to be welded or clamped into apparatus. Typical applications include padmount transformers, submersible transformers, and welded bushing switchgear.

LV Pad Bushings

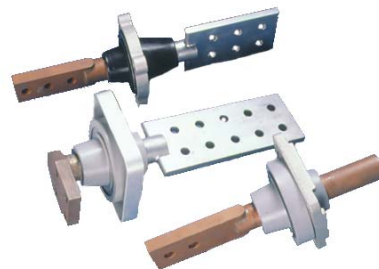


Tuf Ex-Mount

The Tuf Ex-Mount Low Voltage Bushing for pad mounted distribution transforms is available in 5/8" and 1" stud diameters all per ANSI Standards.

Tuf Ex-Mount Features

- Fully captive & retained gasketing
- Superior cantilever strength
- Resilient to cable dig-ins
- Extended stud availability
- Tolerance to irregular mounting surfaces



Larger Pad Bushings 1 1/4" to 3" dia. Studs

Submersible Bushings



Weldable Flange LV Bushings

The Weldable Flange Bushing is designed to be welded or clamped into apparatus. Typical applications include padmount transformers, submersible transformers, and welded bushing switchgear.

The bushing body is manufactured from cycloaliphatic epoxy, a high-grade electrical epoxy proven in this applications for over 30 years. The flange is made of corrosion resistant 300 series stainless steel.



Shed Bushings



200A & 600A Shedmount Bushings

Flexibility of design is reflected in Components line of "Shedmount" bushings rated 200Amp and 600 Amp. With the shedmount bushing line the design variations are unlimited.

Electrical Ratings

- 200/600A
- 8.3 kV through 21.1 kV
- 95 kV BIL through 150 kV BIL



Test Bushings



200A & 600A (95 - 150kV Bil) Test Bushings



Fuses & Holders



Central Moloney has more than 15 years experience in manufacturing weak link fusing.

Electrical Ratings

- 8KV thru 20KV
- Maximum interruption rating of 2500A symmetrical and 5000A asymmetrical.

Fuse Holders

A wide selection of fuse holders for both weak link and current limiting fuses are also available from Components. This includes a unique current limiting fuse mounting system that significantly simplifies the requirement for mounting internal, under oil, current limiting fusing.



DV Switches



25A DV Switch with "Lever" Handle

Central Moloney Components offers a line of single phase 2:1 and single and three phase 3:1 Dual Voltage Switches, in a small compact size with several handle options. Contact options available include thru holes, and bolted terminals. Contacts can be furnished with or without ring terminals (straight or bent up to a 45° angle). All variations are available in metric sizes. Handle options include lever, hook stick.

2:1 D.V. Switch

Features

- Small size: 3.13" diameter by 2.20"
- Replaceable stationary contacts
- Self cleaning, wiping type contacts
- Double "O" ring shaft seal
- Cupped flange gasket seal
- Molded position indicator plate

Electrical Ratings

- 25A continuous
- 125 KV BIL

3:1 D.V. Switch

Features

- Small size 4.38" diameter by 3.39"
- Self cleaning, wiping type contacts.
- Gangable design

Electrical Ratings

- 150A Continuous Series
- 300A Continuous Parallel
- Impulse Level 150 KV Full Wave
- 60 HZ Withstand 50 KV 1 minute



Tap Changers



100A Tap Switch with "Pull & Turn" Handle

Central Moloney Components offers a line of single and three phase tap changers, rated 150KV BIL, 100A & 150A, in a small compact size with several handle options. Multiple contact options are available, including thru holes, bolted terminals and pressed-in studs. contacts can be furnished with or without ring terminals (straight or bent up to a 45° angle). All variations are available in metric sizes. Handle options include lever, hook stick and pull and turn.

100 A Tap Changer

Features

- Positive snap action
- Stationary contacts
- Double "O" ring Viton shaft seal
- Flange gasket seal is cupped to crowd the gasket toward the center during compression
- Gangable design
- Will accommodate tank wall thickness from #14GA through #7GA
- Pull and turn and hook stick handle options

Electrical Rating

- 100 Amperes continuous
- 150 KV BIL
- 50 KV 60 HZ 1 min. withstand
- Max. fault current 2500A for 2 sec.

150 A Tap Changer

Features

- Small physical size: 4.38" X 3.39"
- Self cleaning, wiping type contacts
- Double "O" ring shaft seal
- Cupped flange gasket seal
- Molded position indicator plate
- Gangable for three phase
- Molded from engineering thermoplastic

Electrical Rating

- 150 Amperes continuous
- Impulse level 150 KV full wave (except 115 KV between adjacent contacts)
- 60 HZ withstand 50 KV 1 minute
- Momentary current: 3750A, 2 seconds