# SIEMENS

## Indoor Main Feed-Thru Module

Catalog Number

☐ **BFTM11600B**

☐ **BFTM11600BU**

Enclosure

**Type 1**

**Module Rating:** 1600 Amps, Max. See main breaker for actual rating.
Main Bus Rating: 1600 Amps, Max.
Main Horizontal Bus Rating: 1200 Amps, Max. (1200 amp max feed per side)
Breaker Rating: 1600A Max.
120/240 Volts~, 1 Phase, 3 Wire
208Y/120 Volts~, 1 Phase, 3 Wire (from 3 Phase, 4 Wire network)

For installation by Qualified Person in accordance with all local electrical codes and/or the National Electrical Code ®

Circuit breaker trip position is indicated by handle position midway between ON and OFF. To reset, move handle to OFF position, then turn ON.

**Suitable Only For Use As Service Equipment** unless bond strap is removed. See schematic. Apply appropriate label provided next to breaker handle.

For underground service only.

**Use 75°C Copper or Aluminum Conductors.**

**Equip Ground Acc'y, Cat. No. ECLX072M**

| Small Terminals | Large Terminals |
|---|---|
| *Wire Range / Torque* | *Wire Range / Torque* |
| 10-14 AWG . . 20 lb-in | 10-14 AWG . . 35 lb-in |
| 8 AWG . . . . . 25 lb-in | 8 AWG . . . . . 40 lb-in |
| 6 AWG . . . . . 35 lb-in | 1/0-6 AWG . . 45 lb-in |

Terminals A, B, and N: See Lug Chart on adjacent diagram for applicable lug kits, wire size and torque information.

Ground Terminal G
(Accessory Cat.# ECMLK3225):
Wire size #4-300 kcmil.
Torque terminal to 250 lb.-in.

**⚠ CAUTION**

HAZARD OF ELECTRICAL OVERLOAD. Can result in personal injury or property damage. Mains that exceed 1200 Amps are limited to a maximum of 1200 Amps exiting either side of the main device.

**Accessory:**
ECMMGBE - Ground Bus Extension

**Important:** Do not allow petroleum based (hydrocarbon) sprays, chemicals, solvents or any paint to contact interior components. Petroleum based chemicals can cause degradation of electrical insulating materials.





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**Lugs for Phase and Neutral Connections (not supplied)**

| Lug No. ① | MFG | Wire Range | Type | No. Wires per phase | Torque (lb.-in.) |
|---|---|---|---|---|---|
| LK15600N2 | Siemens | 1/0-600 kcmil | Mechanical | 5 | 500 |
| LK15750N2 | Siemens | 300-750 kcmil | Mechanical | 5 | 500 |
| LK16750N2 | Siemens | 1/0-750 kcmil | Mechanical | 6 | 500 |
| LK18500N2CD | Siemens | 1/0-500 kcmil Copper | Mechanical | 8 | 500 |
| LK18750N2AD | Siemens | 1/0-750 kcmil Aluminum | Mechanical | 8 | 500 |
| 2ACL-600 | ILSCO | 500 kcmil | Compression | 5 | NA ② |
| 2ACL-750 | ILSCO | 750 kcmil | Compression | 5 | NA ② |
| 2ACL-750 | ILSCO | 750 kcmil | Compression | 6 | NA ② |

① Order one mechanical lug kit for mains and neutral. Additional lug kit is required for feed-thru terminals. Contact lug manufacturer for compression lug quantities supplied for each kit.
② See lug manufacturer's instruction sheet supplied with the connector for tool, die, and number of crimps.

Short Circuit Current Rating

This device has a maximum short circuit current rating of 100,000 Amps RMS symmetrical at 240 Volts~. The actual short circuit current rating is limited to the interrupting rating of the circuit breaker installed. Replacement breakers must be manufactured by Siemens and must be of the correct type and rating as indicated in the table below. Use of other circuit breakers in this device will void the warranty.

| Breaker Type | Rating |
|---|---|
| SPD6-B | 65k AIC |
| SHPD6-B | 100k AIC |

USE ONLY NON-INTERCHANGEABLE TRIP BREAKER TYPES

| **Connect Modules Using:** | **Cat. No.** | **Torque** |
|---|---|---|
| Quick Connect | QC1 | 400-440 lb-in (35-36 ft.-lb.) |

**IMPORTANT - for use with:**

| Module Description | Siemens Series# |
|---|---|
| Main Breakers | WB(M), WEB(M), WXB(M), BFT(M) |
| Switches | WMP, WS, WES, WXS |
| Tap/Terminal Boxes | WTB, WET, WT_PU, WTBN, WBT(M) |
| Pull Boxes | WMMB |
| Meter Module | (W)MM, (W)MT, (W)ML, (W)MK, (W)MLZ(F), (W)MN |
| Meter Combinations | WC, WCL, WCT, |
| Extension Box | WSP, WSPD |
| Bussed Elbow | BE, WELB |





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