

# SIEMENS

## Indoor Main Feed-Thru Module

Catalog Number

Enclosure

**BFTM31600B**

**Type 1**

**BFTM31600BU**

**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.  
 208Y/120 Volts~, 3 Phase, 4 Wire  
 240/120 Volts~, 3 Phase, 4 Wire, Delta (B Phase is High Leg)

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, C 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.

**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.

**⚠ 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.

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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.)
LK35600N2	Siemens	1/0-600 kcmil	Mechanical	5	500
LK35750N2	Siemens	300-750 kcmil	Mechanical	5	500
LK36750N2	Siemens	1/0-750 kcmil	Mechanical	6	500
LK38500N2CD	Siemens	1/0-500 kcmil Copper	Mechanical	8	500
LK38750N2AD	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 QC4 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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## FEED-THRU

