



## GEH4323 INSTALLATION INSTRUCTONS

# Enclosure Neutral

Cat. Nos. TNIA400\*, TNIA600\*, TNIA800\*, TNIA1200\* and TNIAC1200

## INSTALLATION

1. Mount the neutral block assembly to the enclosure with two screws (7), two flat washers (4) and two lock washers (5). Torque to 30 – 35 inch-pounds.
2. **For service equipment applications:**  
Mount ground strap assembly (9) and two pre-wired lugs (1) to the neutral block: with two screws (6), two flat washers (3) and two lock washers (2) **(for TNIA400\* and TNIA600\* use only lock washers)**. Torque to 275 inch-pounds.

Attach ground strap assembly (9) to the enclosure with one screw (8), a flat washer and a lock washer (5). Torque to 20 inch-pounds.

### For non-service equipment applications:

Mount two pre-wired lugs (1) to the neutral blocks with two screws (6), two flat washers (3) and two lock washers (2) **(for TNIA400\* and TNIA600\* use only lock washers)**.

Torque to 275 inch-pounds

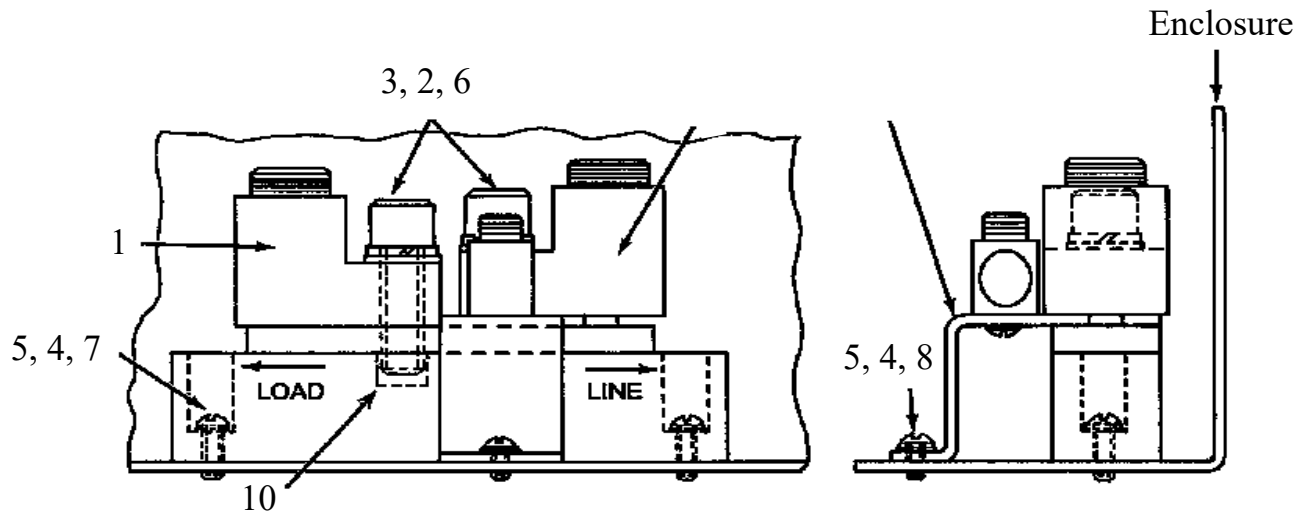
**NOTE: \* - Applicable for UL Recognized Catalog numbers with UR suffix also.**

## WIRE SIZES

Device Description	Amp Rating	Applicable Cable Size
TNIA400*	400	(2) 2/0-500 MCM CU/AL (1) 8-500 MCM OR 2/0-600 MCM CU/AL
TNIA600*	600	(2) 2/0-500 MCM CU/AL
TNIA800*	800	(3) 250-500 MCM CU/AL
TNIA1200*	1200	(4) 250-350 MCM CU (4) 250-500 MCM AL
TNIAC1200	1200	250-400 MCM CU ONLY

## KIT CONTENTS

Item #	QTY.	Description
1	(2)	Lugs (see chart)
2	(2)	½" Lock washers
3	(2)	½" Flat washers not in TNIA400* and TNIA600*
4	(3)	#12 Flat washers
5	(3)	#12 Lock washers
6	(2)	½"-13 x 1" screws for TNIA400* and TNIA600* ½"- 13 x 1 ¾" screws for TNIA800*, TNIA1200* and TNIAC1200
7	(2)	#12-24 x ¾" screws
8	(1)	#12-24 x 3/8" screws
9	(1)	Ground Strap Assembly
10	(1)	Neutral Block Assembly



These instructions do not cover all details or variations in equipment nor do they provide for every possible contingency that may be met in connection with installation, operation, or maintenance. Should further information be desired or should particular problems arise that are not covered sufficiently for the purchaser's purposes, the matter should be referred to the ABB Company.