ReliaGear™ neXT
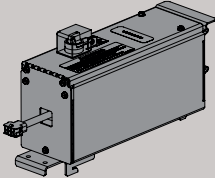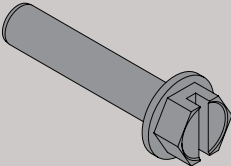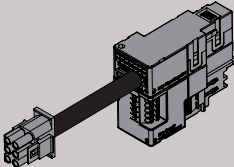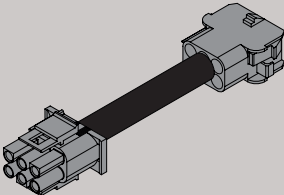

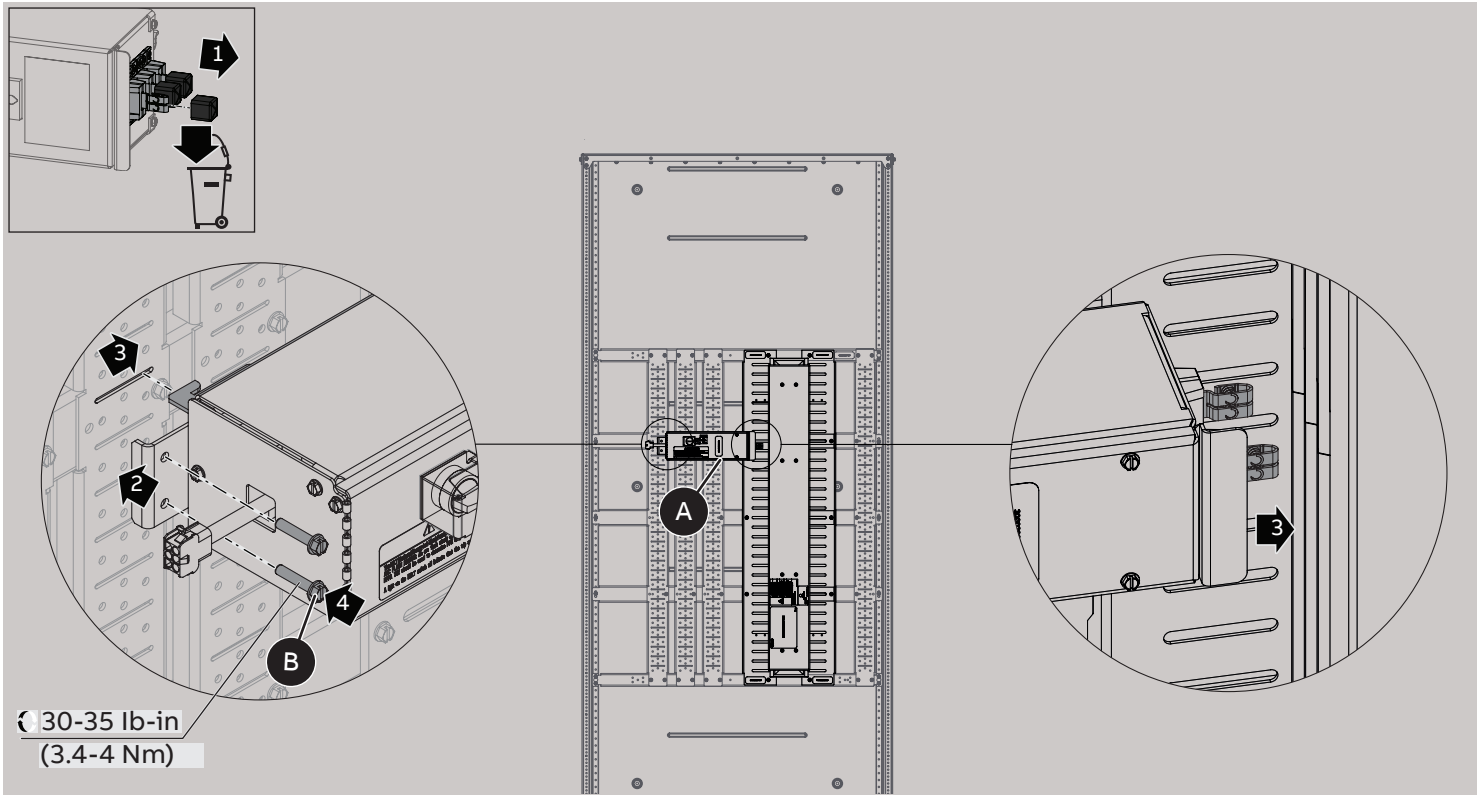## Reduced Energy Let-through Unit (RELT)

WARNING
Danger of electrical shock or injury. Turn OFF power ahead of the panel board or switchboard before working inside the equipment or removing any component. Equipment is to be installed and maintained by properly trained and qualified personnel only.

		XT7
A		1X
B		2X
C		1X
D		1X

1   RELT unit installation

30-35 lb-in
(3.4-4 Nm)

2   RELT - Vertical main   **3**   RELT - Horizontal main

3 Connect power to the
   Ekip Supply module
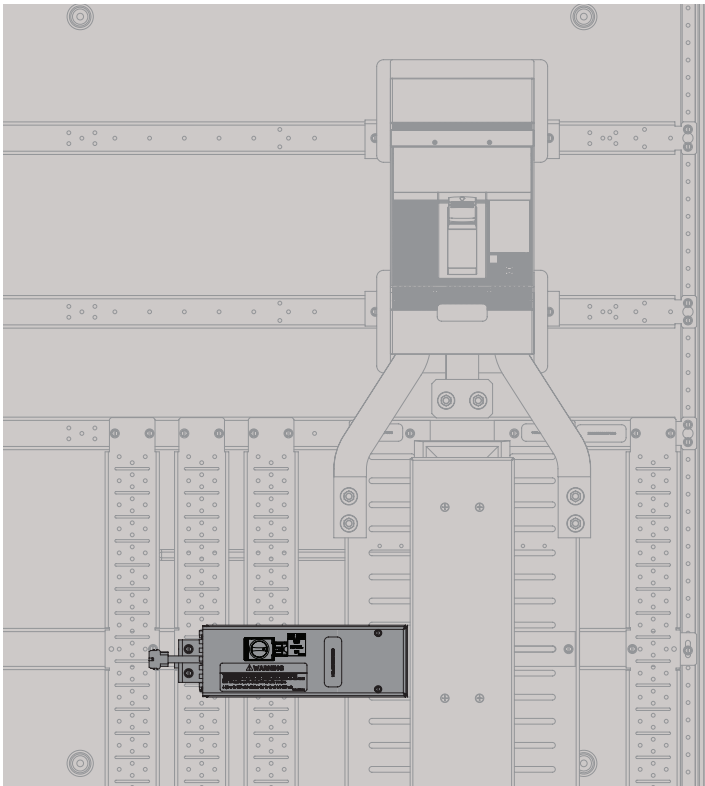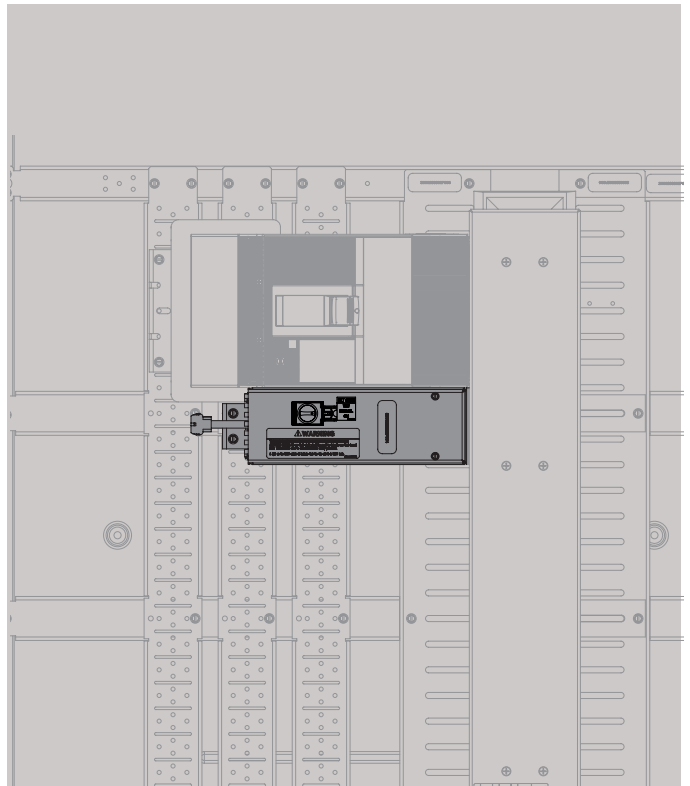
Notes:

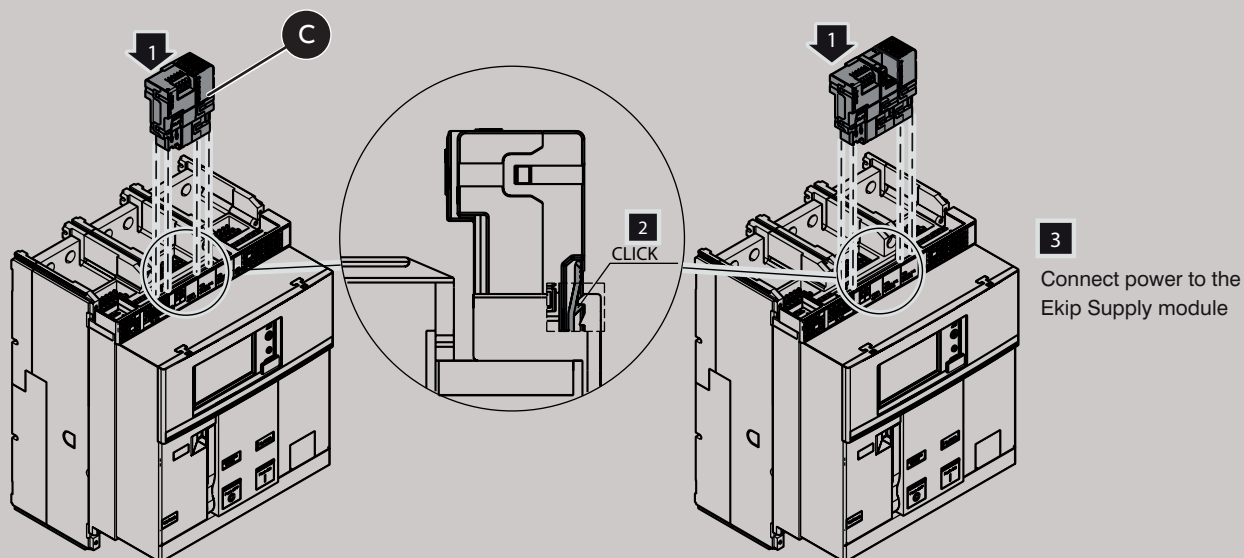- For replacement wire connector kits, an exact replacement must be used (i.e. a 2K-1 kit must be used to replace an existing 2K-1 kit). Failure to do so may result in incorrect RELT functionality or require the breaker to be re-programmed. Refer to 9AKK107997A2520 for more information.
- CN003 includes Ekip 2K-1 signaling and Ekip supply.
- CN004 includes Ekip 2K-3 signaling and Ekip supply. CN004 is ONLY compatible with firmware version 3.10.00 or higher. Refer to 9AKK107991A2520 to validate firmware version.

5

Switch-on
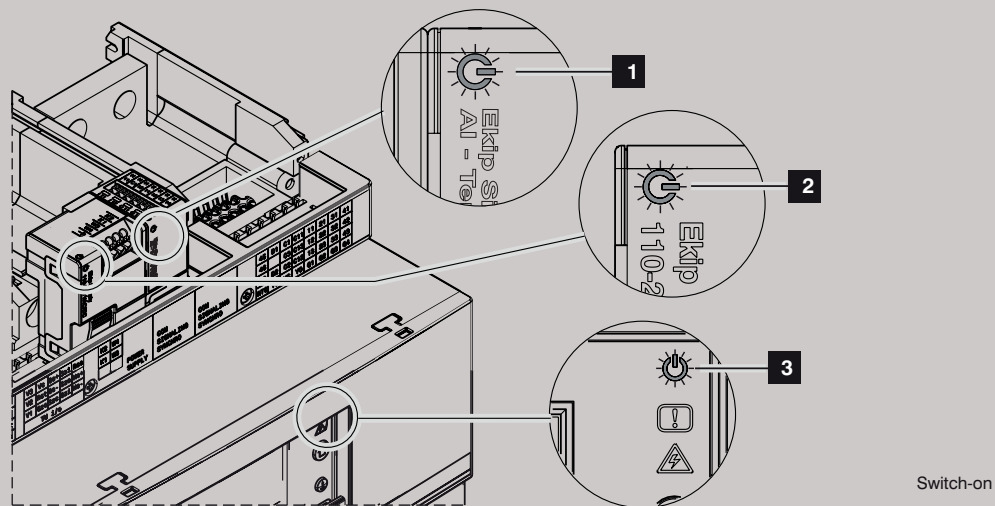
INSTALLATION PROCEDURE:
- For XT2-XT4 verify the correct connection between Ekip Cartridge and CB
- Supply power to the Ekip Supply
- Check that the leds ⏻ are lit on the module (1), on the Ekip Supply (2) and on the release (3)
- If the EKIP Signalling 2K(1) LED ⏻ blinks asynchronously from the unhooker LED (3), see the switch manual
- For full details on the operation of led and module consult Ekip Touch user manual (1SDH001821A1002 XT7, 1SDH002031A1002 XT2-XT4, 1SDH001316R0002 Emax 2)

For further information see 1SDH002009A1503

6   Wiring connection - Vertical Main

D

for XT7

C

A

7   Wiring connection - Horizontal Main

A

C   for XT7
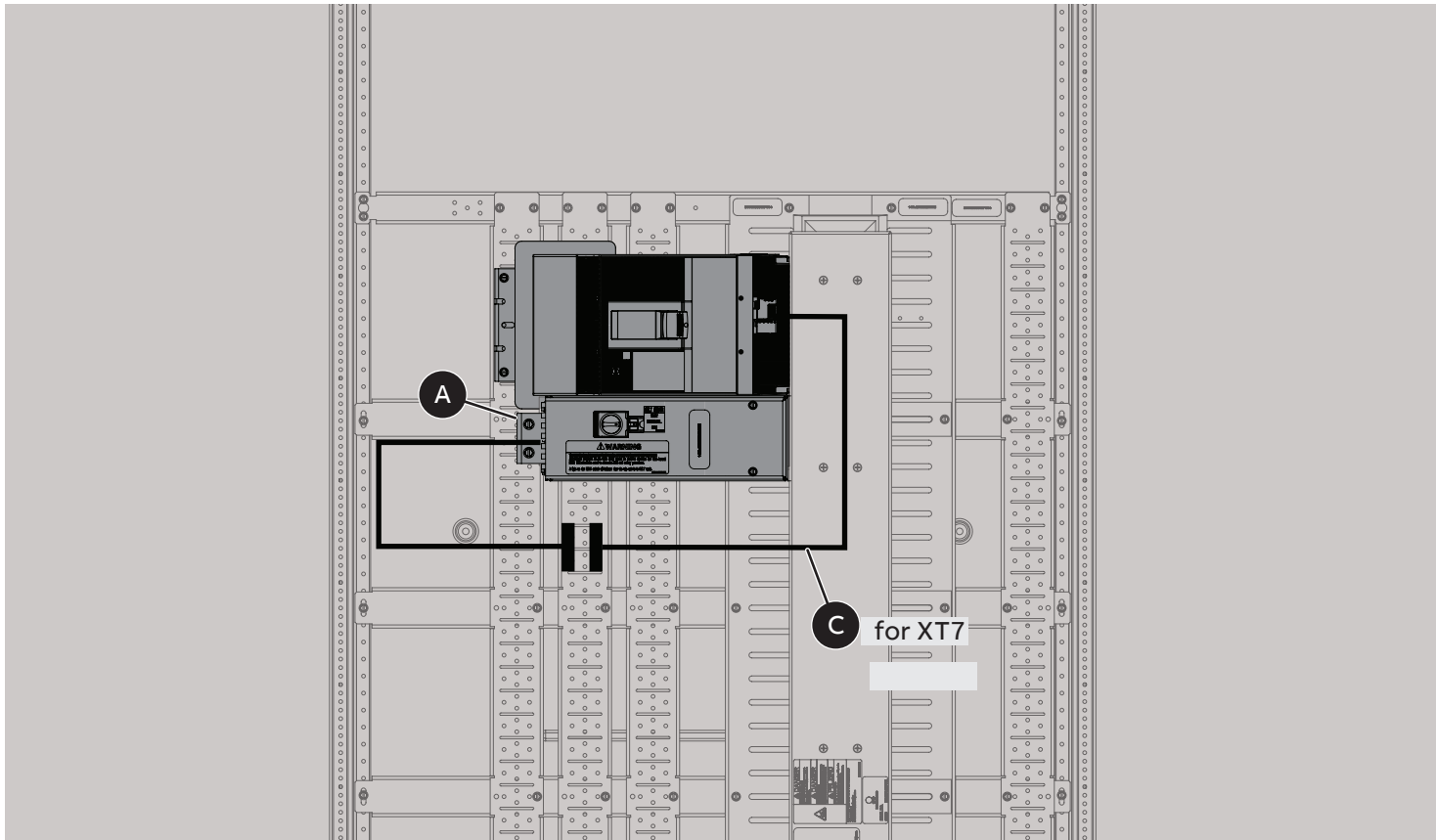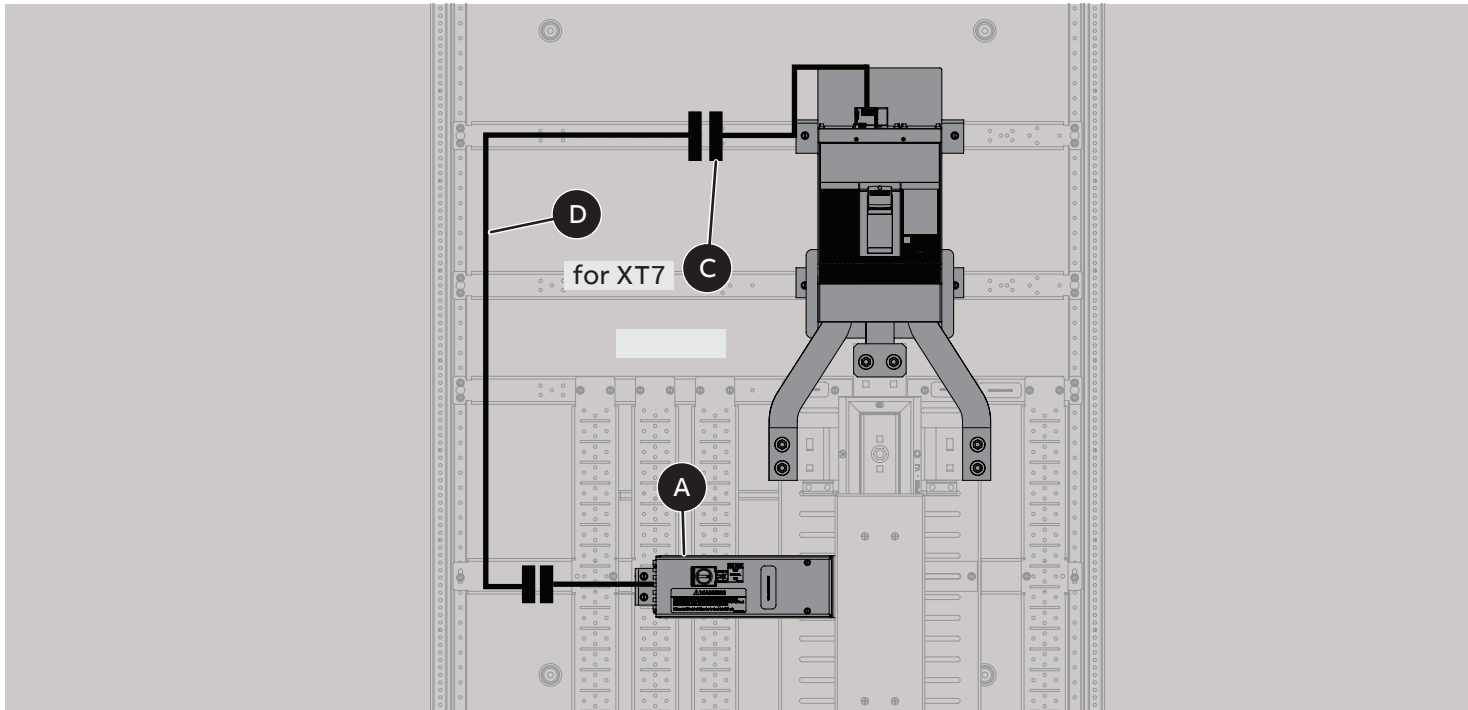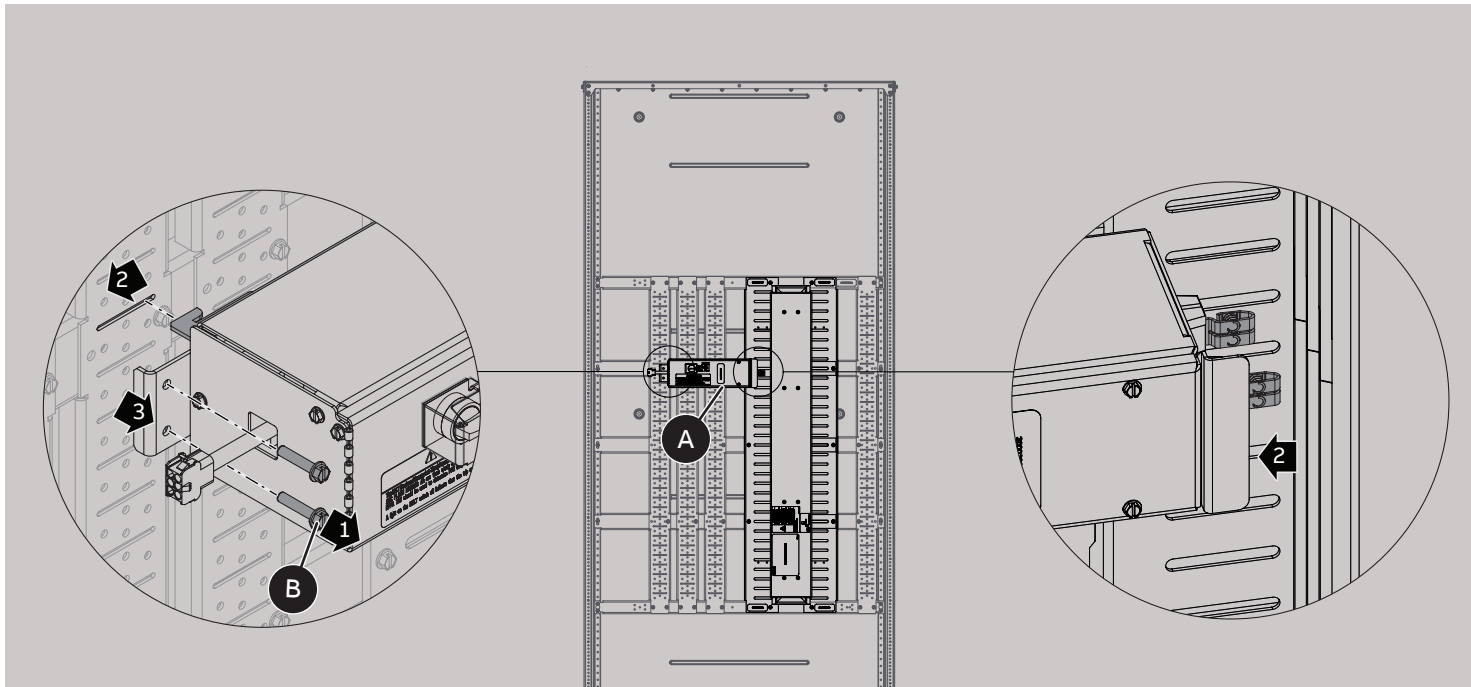
Verifying RELT (2I) functionality

STEP A: Check LAMP TEST Function
This Step will verify only the pilot lamp function on the RELT Switch:
1.   Turn and hold the RELT switch to "LAMP TEST" position. If released it will return to the "OFF" position.
2.   The pilot lamp will glow.
3.   The pilot lamp will stop glowing when the RELT switch is released and returns to the "OFF" position.

STEP B: Check RELT ON Function
This step will verify the breaker trip unit receives the RELT ON signal and displays its status.
Observations to be made:
1.   Turn the RELT switch to the "RELT ON" position. Unlike the "LAMP TEST" position, the switch will remain in this position until it is turned back to the "OFF" position.
2.   The pilot lamp will glow.
3.   The breaker trip unit screen will flash "2I Protection Active". This indicates that the trip unit settings have been changed.
4.   Turn the RELT switch back to the "OFF" position. After 15 seconds the lamp will stop glowing and the breaker trip unit screen will also stop flashing "2I Protection Active".

Attention:
If the RELT switch, pilot lamp or breaker trip unit screen do not function as described in the previous steps contact customer service