Figure 1

Section 3: Installation of front-mounted terminal kit on IEC drawout cassette

To install the terminal kit, refer to the illustrations provided. Also refer to Section 2 copy and the associated graphics for exact hardware identification and location for the specific amperage rating of the cassette. Proceed with the following four steps:

**Step 1:** Fasten the load conductors to the cassette load terminals using the hex bolts specified in the appropriate illustration with a spherical lock washer under the bolt head, and flat washers against the copper surfaces. Finger tighten only at this time.

**Step 2:** Fasten the terminal bracket across the load conductors using the hex bolts specified in the appropriate illustration with a spherical lock washer under the bolt head, and flat washers against the mounting surfaces. Be certain to place insulating spacers between the terminal bracket and the load conductor. Torque the hex bolts to 40 ft-lbs (52 Nm).

**Step 3:** Torque the hex bolts used in Step 1 to 40 ft-lbs (52 Nm).

**Step 4:** Fasten the line conductors to the cassette line conductors by repeating Steps 1 through 3. This completes the line and load connections.

**Notes:** The spacers (Q) provided must be installed between the terminal brackets (H) or (I), and the line and load conductors.

Two front-mounted terminal kits are required for double-frame breakers 4000–6300A.

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**Figure 8: Steps 1–4: Double-Frame IEC Cassette**

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**Figure 7: Steps 1–4: Single-Frame IEC Cassette**

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**Section 1: General information**

Front-mounted standard terminal block kits are available for standard frame fixed-circuit breakers, as well as certain standard frame drawout cassettes.

Kits ZA10820G01–G03 add front-mounted terminals to three-pole breakers (ANSI and IEC), and three-pole cassettes (IEC only). G01 is used on 800–1250A units, G02 on 1600–2500A units, and G03 on 3000–3200A units.

Kits ZA10820G04–G06 add front-mounted terminals to four-pole breakers (ANSI and IEC), and four-pole cassettes (IEC only). G04 is used on 800–1250A units, G05 on 1600–2500A units, and G06 on 3000–3200A units.

Two front-mounted terminal kits are required for double frame breakers 4000–6300A.
Section 2: Installation of front-mounted terminal kit on fixed breaker

To install the terminal kit, refer to the appropriate illustration associated with a specific kit, and proceed with the following four steps:

**Step 1:** Fasten the load conductors to the breaker load terminals using the hex bolts specified in the appropriate illustration with a spherical lock washer under the bolt head, and flat washers against the copper surfaces. Finger tighten only at this time.

**Step 2:** Fasten the terminal bracket across the load conductors using the hex bolts specified in the appropriate illustration with a spherical lock washer under the bolt head, and flat washers against the mounting surfaces. Be certain to place insulating spacers between the terminal bracket and the load conductor. Torque the hex bolts to 40 ft-lbs (52 Nm).

**Step 3:** Torque the hex bolts used in Step 1 to 40 ft-lbs (52 Nm).

**Step 4:** Fasten the line conductors to the breaker line conductors by repeating Steps 1 through 3. This completes the line and load connections.

Notes: The spacers (G) provided must be installed between the terminal brackets (H) or (I), and the line and load conductors. Two front-mounted terminal kits are required for double-frame breakers 4000–6300A.