Introduction

Square D™ Integrated Equipment integrates electrical distribution and controls in a factory assembled and pre-wired solution. Designed with the flexibility to meet individual customer requirements, Integrated Power Center 2 (IPC2™) enclosures are available with NQ™, NF, and I-Line™ panelboard interiors and distribution dry transformers.

Optional distribution and control equipment include Powerlink™ lighting control, contactors, PowerLogic monitoring and metering, automatic transfer switches, and Surge Protective Device (SPD). IPC2 solutions can be further customized to include third party components such as building management systems.

All IPC2 sections are available in Type 1, Type 1 with driphood, or Type 3R enclosures. IPC2 equipment is listed to UL891.

NOTE: Custom configurations may be available depending upon your application needs.

NOTE: The 42-circuit limitation for Lighting and Appliance Panelboards has been removed from Article 408 of the 2008 National Electrical Code® (NEC®) and later editions. If a 2008 or later edition of the NEC has not been adopted for use in your area, you are still required to adhere to the 42-circuit rule for Lighting and Appliance panelboards.

Figure 1: Integrated Power Center 2 (IPC2™)
Full Height or Stacked Equipment Space

Figure 2: Equipment Space
24 in. w x 91.5 in. x 24 in. d
Type 1 Enclosure

Equipment Space—1/2 Height or Full Height

- Backplate size 17.75 in. w x 40.75 in. h
- Contactor options:
  - 8903 Type LO, 20 A electrically held and LX mechanically held
  - 8903 Type S, 30–200 A electrically and mechanically held
- Contactor wiring options:
  - Unwired: Mounted in cell only
  - Line side wired: Line side wired to a branch circuit breaker(s)
  - Fully wired: Line side wired to a branch circuit breaker(s), load side wired to the terminal blocks

**NOTE:** For max. quantity of contactors see “Appendix” on page 79.

**NOTE:** Minimum depths are shown. Options are available for 36” D, 48” D NEMA 1 or 35.5” D, 47.5” D or 59.5” D NEMA 3R.
Full Height NQ or NF Panelboard

Figure 3: NQ—Full Height
24 in. w x 91.5 in. x 24 in. d
Type 1 Enclosure

**NQ—Full Height**

SCCR 10–200 kA

208Y/120 Vac 3Ø4W or 120/240 Vac 1Ø3W

- 400 A max. MLO, 42, 54, 72 circuits
  - Branch circuit breakers: 150 A max.
  - Options (choose one):
    - Feed-through lugs
    - Sub-feed circuit breakers (225 A max.)
    - Surge Protective Device (SPD)

- 400 A max. MLO, 84 circuits
  - Branch circuit breakers: 150 A max.
  - Options (choose one):
    - Feed-through lugs
    - Sub-feed lugs

- 600 A max. MLO, 42, 54, 72 circuits
  - Branch circuit breakers: 150 A max.
  - Options (choose one):
    - Feed-through lugs
    - Sub-feed circuit breakers (225 A max.)
    - Surge Protective Device (SPD)

- 600 A max. MLO, 84 circuits
  - Option: Feed-through lugs

- 400 A max. vertical Main circuit breaker, 42 circuits
  - Branch circuit breakers: 150 A max.
  - Options (choose one):
    - Feed-through lugs
    - Sub-feed circuit breakers (225 A max.), not available with 200% neutral
    - Surge Protective Device (SPD)

- 400 A max. vertical Main circuit breaker, 54 circuits
  - Branch circuit breakers: 150 A max.
  - Options (choose one):
    - Feed-through lugs
    - Surge Protective Device (SPD)

- 400 A max. vertical Main circuit breaker, 72, 84 circuits
  - Branch circuit breakers: 150 A max.
  - Option: Feed-through lugs

**NOTE:** 60–400 A NQ MLO or Main circuit breaker: An optional 200% rated neutral is available in combination with any of the options listed.

Minimum depths are shown. Options are available for 36” D, 48” D NEMA 1 or 35.5” D, 47.5” D or 59.5” D NEMA 3R.
Figure 2 (cont.)

- **600 A max. vertical Main circuit breaker, 42 circuits**
  - Branch circuit breakers: 150 A max.
  - Options (choose one):
    - Feed-through lugs
    - Surge Protective Device (SPD)

- **600 A max. vertical Main circuit breaker, 54, 72, 84 circuits**
  - Branch circuit breakers: 150 A max.
  - Option: Feed-through lugs

**NF Full Height or NF Powerlink G3 Full Height**

SCCR 10–200 kA

208Y/120 Vac 3Ø4W, 480Y/277 Vac 3Ø4W, or 600Y/347 Vac 3Ø4W, NF Powerlink G3 480Y/277 Vac 3Ø4W max.

- **250 A MLO, 42, 54, 66 circuits**
  - Branch circuit breakers: 125 A max. at 480 V or 100 A max. at 600 V
  - Powerlink G3 branch circuit breakers: 20 A 3P or 30 A 2P max.
  - Options (choose one):
    - Sub-feed circuit breakers (250 A max.)
    - Sub-feed lugs
    - Surge Protective Device (SPD), (54 circuits max.)

- **400 A MLO, 42, 54 circuits**
  - Branch circuit breakers: 125 A max. at 480 V or 100 A max. at 600 V
  - Powerlink G3 branch circuit breakers: 20 A 3P or 30 A 2P max.
  - Options (choose one):
    - Sub-feed circuit breakers (250 A max.)
    - Sub-feed lugs
    - Surge Protective Device (SPD)

- **400 A MLO, 66 circuits**
  - Branch circuit breakers: 125 A max. at 480 V or 100 A max. at 600 V
  - Powerlink G3 branch circuit breakers: 20 A 3P or 30 A 2P max.
  - Option: Sub-feed lug

- **400 A MLO, 84 circuits**
  - Branch circuit breakers: 125 A max. at 480 V or 100 A max. at 600 V
  - Powerlink G3 branch circuit breakers: 20 A 3P or 30 A 2P max.
  - Options: None

- **600 A MLO, 42 circuits**
  - Branch circuit breakers: 125 A max. at 480 V or 100 A max. at 600 V
  - Powerlink G3 branch circuit breakers: 20 A 3P or 30 A 2P max.
  - Options (choose one):
    - Feed-through lugs
    - Sub-feed circuit breakers (250 A max.)
    - Surge Protective Device (SPD)

**NOTE:** Minimum depths are shown. Options are available for 36" D, 48" D NEMA 1 or 35.5" D, 47.5" D or 59.5" D NEMA 3R.

250 A NF MLO or Main circuit breaker: An optional 200% rated neutral is available in combination with any of the options listed.

300–400 A NF MLO or Main circuit breaker: An optional 200% neutral can not be combined with any other option in this configuration.
• 600 A MLO, 54, 66, 84 circuits
  — Branch circuit breakers: 125 A max. at 480 V or 100 A max. at 600 V
  — Options: None

• 250 A max. Main circuit breaker, 42, 54 circuits
  — Branch circuit breakers: 125 A max. at 480 V or 100 A max. at 600 V
  — Powerlink G3 branch circuit breakers: 20 A 3P or 30 A 2P max.
  — Options (choose one):
    • Feed-through lugs
    • Sub-feed circuit breakers (250 A max.)
    • Surge Protective Device (SPD)

• 250 A max. Main circuit breaker, 66 circuits
  — Branch circuit breakers: 125 A max. at 480 V or 100 A max. at 600 V
  — Powerlink G3 branch circuit breakers: 20 A 3P or 30 A 2P max.
  — Option: Feed-through lugs

• 400 A max. Main circuit breaker, 42 circuits
  — Branch circuit breakers: 125 A max. at 480 V or 100 A max. at 600 V
  — Powerlink G3 branch circuit breakers: 20 A 3P or 30 A 2P max.
  — Options (choose one):
    • Sub-feed circuit breakers (250 A max.)
    • Feed-through lugs
    • Surge Protective Device (SPD)

• 400 A max. Main circuit breaker, 54 circuits
  — Branch circuit breakers: 125 A max. at 480 V or 100 A max. at 600 V
  — Powerlink G3 branch circuit breakers: 20 A 3P or 30 A 2P max.
  — Option: Feed-through lugs

• 600 A max. Main circuit breaker, 42 circuits
  — Branch circuit breakers: 125 A max. at 480 V or 100 A max. at 600 V
  — Powerlink G3 branch circuit breakers: 20 A 3P or 30 A 2P max.
  — Options (choose one):
    • Sub-feed circuit breakers (250 A max.)
    • Feed-through lugs
    • Surge Protective Device (SPD)

• 600 A max. Main circuit breaker, 54 circuits
  — Branch circuit breakers: 125 A max. at 480 V or 100 A max. at 600 V
  — Powerlink G3 branch circuit breakers: 20 A 3P or 30 A 2P max.
  — Options: None

• NF Powerlink G3 Master 600 A MLO, or a Main circuit breaker, max. 42 circuits, 480Y/277 Vac 3Ø4W max.
  — Options: Same as NF panel

• NF Powerlink G3 Slave 600 A MLO, or a Main circuit breaker, max. 42 circuits, 480Y/277 Vac 3Ø4W max.
  — Options: Same as NF panel
Full Height Single Row I-Line Panel

Figure 3: 30 in. w x 91.5 in. x 24 in. d
Type 1 Enclosure

HCP-SU Single Row I-Line

SCCR 10–200 kA
600 Vac max.

Single Row Mounting

• 800 A max. MLO with 54-in. circuit breaker mounting space without a Main Lug kit
  — Feeder circuit breaker: 600 A
  — Options:
    • Non Linear (200% neutral), 400 A max.
    • Sub-feed lugs
    • Surge Protective Device (SPD)

• 800 A max. Back-Fed MCB with 54-in. circuit breaker mounting space without a Main circuit breaker
  — Feeder circuit breaker: 600 A
  — Options:
    • Non Linear (200% neutral), 400 A max.
    • Sub-feed lugs
    • Surge Protective Device (SPD)

NOTE: Minimum depths are shown. Options are available for 36” D, 48” D NEMA 1 or 35.5” D, 47.5” D or 59.5” D NEMA 3R.
Full Height HCM, I-Line Panel

Figure 4: 36 in. w x 91.5 in. x 24 in. d
Type 1 Enclosure

HCM I-Line

SCCR 10–200 kA

600 Vac max., double-row mounting

- 800 A max. MLO with 99-in. circuit breaker mounting space
  - Feeder circuit breaker: 250 A max.
  - Options:
    - Sub-feed lugs
    - Surge Protective Device (SPD)

- 800 A max. Vertical Main circuit breaker with 36-in. circuit breaker mounting space
  - Feeder circuit breaker: 250 A max.
  - Options:
    - Sub-feed lugs
    - Surge Protective Device (SPD)

Full Height HCP, I-Line Panel

Figure 5: 42 in. w x 91.5 in. x 24 in. d
Type 1 Enclosure

HCP I-Line

SCCR 10–200 kA

600 Vac max., double-row mounting

- 1200 A max. MLO with 99-in. max. circuit breaker mounting space
  - Feeder circuit breaker: 800 A max.
  - Options:
    - Sub-feed lugs
    - Surge Protective Device (SPD)

- 800 A Main circuit breaker (Backfed) with 99-in. max. circuit breaker mounting space without a Main circuit breaker
  - Feeder circuit breaker: 800 A max.
  - Options:
    - Sub-feed lugs
    - Surge Protective Device (SPD)

NOTE: Minimum depths are shown. Options are available for 36” D, 48” D NEMA 1 or 35.5” D, 47.5” D or 59.5” D NEMA 3R.
Full Height HCR-U, I-Line Panel

Figure 6: 48 in. w x 91.5 in. x 24 in. d Type 1 Enclosure

HCR-U I-Line

SCCR 10–200 kA

600 Vac max., double-row mounting

- 1200 A MLO, max. with 108-in. max. circuit breaker mounting space without the Main Lug Kit
  - Feeder circuit breaker: 1200 A max.
  - Options:
    - Non Linear (200% neutral)
    - Sub-feed lugs
    - Surge Protective Device (SPD)

- 1200 A max., Main circuit breaker (Backfed), with 108-in. max. circuit breaker mounting space without a Main circuit breaker
  - Feeder circuit breaker: 1200 A max.
  - Options:
    - Non Linear (200% neutral)
    - Sub-feed lugs
    - Surge Protective Device (SPD)

NOTE: Minimum depths are shown. Options are available for 36" D, 48" D NEMA 1 or 35.5" D, 47.5" D or 59.5" D NEMA 3R

NOTE: Metering options are available for the main and branch circuits, contact your Schneider Electric representative for details.
Stacked NQ/NF Panels

NQ Stacked

SCCR 10–200 kA

208Y/120 Vac 3Ø4W or 120/240 Vac 1Ø3W

- 400 A max. MLO—max. 42 circuits
  - Branch circuit breakers: 150 A max.
  - Option: Sub-feed lugs, not available with 200% neutral
- 225/250 A max. Main circuit breaker, max. 42 circuits
  - Branch circuit breakers: 150 max.
  - Stacking rules:
    - Stacking configuration 1: 2–225/250 A max. Main circuit breaker, 42 circuit interiors (Options: None)
    - Stacking configuration 2: 1–225 A max. Main circuit breaker, 42 circuit interiors (Options: Feed-through lugs), and 1–225 A max. MLO, 42 circuit interiors (Options: None)

**NOTE:** 60–250 A NQ MLO or Main circuit breaker: An optional 200% rated neutral is available in combination with any of the options listed.

NF Stacked or NF Powerlink G3 Stacked

SCCR 10–200 kA

208Y/120 Vac 3Ø4W, 480Y/277 Vac 3Ø4W, or 600Y/347 Vac 3Ø4W, NF Powerlink G3 480Y/277 Vac 3Ø4W max.

- NF 400 A MLO, max. 42 circuits, top or bottom
  - Branch circuit breakers: 125 A max. at 480 V or 100 A max. at 600 V
  - Powerlink G3 branch circuit breakers: 20 A 3P or 30 A 2P max.
  - Option: Sub-feed lugs
- NF Powerlink G3 Master 400 A MLO, max. 36 circuits, 480Y/277 Vac 3Ø4W max.
  - Options: Same as NF panel
- NF Powerlink G3 Slave 400 A MLO, max. 42 circuits, 480Y/277 Vac 3Ø4W max.
  - Options: Same as NF panel

**NOTE:** 100–250 A NF MLO or Main circuit breaker: An optional 200% rated neutral is available in combination with any of the options listed.

300–400 A NF MLO or Main circuit breaker: An optional 200% neutral can not be combined with any other option in this configuration.
Stacked NQ or NF Panelboard

Figure 8: 24 in. w x 91.5 in. x 24 in. d
Type 1 Enclosure

NQ Stacked Top (1/4 Height)

SCCR 10–200 kA
208Y/120 Vac 3Ø4W or 120/240 Vac 1Ø3W

• 100 A MLO, max. 18 circuits
  — Branch circuit breakers: 100 A max.
  — Options: None

• 100 A, Main circuit breaker (Backfed), max. 15 circuits
  — Branch circuit breakers: 100 A max.
  — Options: None

NQ Stacked Bottom (3/4 Height)

SCCR 10–200 kA
208Y/120 Vac 3Ø4W or 120/240 Vac 1Ø3W

• 225 A MLO, max. 42, 54 circuits
  — Branch circuit breakers: 150 A max.
  — Options (choose one):
    • Feed-through lugs
    • Sub-feed circuit breaker (225 A max.)
    • Surge Protective Device (SPD)

• 225 A MLO, max. 72, 84 circuits
  — Branch circuit breakers: 150 A max.
  — Option: Sub-feed lugs

• 400 A MLO, max. 42 circuits
  — Branch circuit breakers: 150 A max.
  — Option: Sub-feed lugs

• 600 A MLO, max. 42 circuits
  — Branch circuit breakers: 150 A max.
  — Option: Feed-through lugs

• 225/250 A max. Vertical Main circuit breaker, 42 circuits max.
  — Branch circuit breakers: 150 A max.
  — Option: Feed-through lugs

• 250 A max. Vertical Main circuit breaker, 54, 72 circuits max.
  — Branch circuit breakers: 150 A max.
  — Options: None

NOTE: Minimum depths are shown. Options are available for 36" D, 48" D NEMA 1 or 35.5" D, 47.5" D or 59.5" D NEMA 3R.

NOTE: 60–400 A NQ MLO or Main circuit breaker: An optional 200% rated neutral is available in combination with any of the options listed.
Figure 8 (cont.)

NOTE: 250 A NF MLO or Main circuit breaker: An optional 200% rated neutral is available in combination with any of the options listed.

300–400 A NF MLO or Main circuit breaker: An optional 200% neutral can not be combined with any other option in this configuration.

NF Stacked Bottom or NF Powerlink G3 Stacked Bottom

SCCR 10–200 kA

208Y/120 Vac 3Ø4W, 480Y/277 Vac 3Ø4W, or 600Y/347 Vac 3Ø4W, NF Powerlink G3 480Y/277 Vac 3Ø4W max.

- 250 A MLO, max. 42 circuits
  - Branch circuit breakers: 125 A max. at 480 V or 100 A max. at 600 V
  - Powerlink G3 branch circuit breakers: 20 A 3P or 30 A 2P max.
  - Option: Sub-feed lugs

- 400 A MLO, max. 42 circuits
  - Branch circuit breakers: 125 A max. at 480 V or 100 A max. at 600 V
  - Powerlink G3 branch circuit breakers: 20 A 3P or 30 A 2P max.
  - Option: Sub-feed lugs

- 250 A Vertical Main circuit breaker, max. 42 circuits
  - Branch circuit breakers: 125 A max. at 480 V or 100 A max. at 600 V
  - Powerlink G3 branch circuit breakers: 20 A 3P or 30 A 2P max.
  - Options: None

- NF Powerlink G3 Master 400 A MLO, max. 42 circuits, 480Y/277 Vac 3Ø4W max.
  - Options: Same as NF panel

- NF Powerlink G3 Slave 400 A MLO, max. 42 circuits, 480Y/277 Vac 3Ø4W max.
  - Options: Same as NF panel

- NF Powerlink G3 Master 250 A, Main circuit breaker, max. 42 circuits, 480Y/277 Vac 3Ø4W max.
  - Options: Same as NF panel

- NF Powerlink G3 Slave 250 A, Main circuit breaker, max. 42 circuits, 480Y/277 Vac 3Ø4W max.
  - Options: Same as NF panel
Side-by-Side NQ Panelboard

Figure 9: 36 in. w x 91.5 in. x 24 in. d
Type 1 Enclosure

**Side-by-Side NQ Panelboard**

- **SCCR 10–200 kA**
- **208Y/120 Vac 3Ø4W or 120/240 Vac 1Ø3W**
  - 225 A MLO 42, 54, 72, 84 circuits max.
    - Branch circuit breakers: 150 A max.
    - Options (choose one):
      - Sub-feed circuit breaker (225 A max.)
      - Sub-feed lugs
      - Surge Protective Device (SPD)
  - 225/250 A Vertical Main circuit breaker, 42, 54, 72, 84 circuits
    - Branch circuit breakers: 150 A max.
    - Options (choose one):
      - Feed-through lugs
      - Sub-feed circuit breaker (225 A max.)
      - Surge Protective Device (SPD)

**NQ Side-by-Side—NF not permitted**

**SCCR 10–200 kA**
- **208Y/120 Vac 3Ø4W or 120/240 Vac 1Ø3W**
  - 225 A MLO 42, 54, 72, 84 circuits max.
    - Branch circuit breakers: 150 A max.
    - Options (choose one):
      - Sub-feed circuit breaker (225 A max.)
      - Surge Protective Device (SPD)
  - 225/250 A Vertical Main circuit breaker, 42, 54, 72, 84 circuits
    - Branch circuit breakers: 150 A max.
    - Options (choose one):
      - Surge Protective Device (SPD)

**NQ Stacked**

- **SCCR 10–200 kA**
- **208Y/120 Vac 3Ø4W or 120/240 Vac 1Ø3W**
  - 225 A max. MLO 42 circuits, top or bottom
    - Branch circuit breakers: 150 A max.
    - Option: Sub-feed lugs
  - 225/250 A max. Main circuit breaker, max. 42 circuits
    - Branch circuit breakers: 150 A max.
    - Stacking rules:
      - Stacking configuration 1: 2–225/250 A max. Main circuit breaker, 42 circuit interiors (Options: None)
      - Stacking configuration 2: 1–225 A max. Main circuit breaker, 42 circuit interiors (Options: Feed-through lugs) and 1–225 A max. MLO, 42 circuit interiors (Options: None)

**Equipment Space—Stacked**

Backplate size 17.75-in. w x 40.75-in. h
- Contactor options:
  - 8903 Type LO, 20 A electrically held and LX mechanically held
  - 8903 Type S, 30–200 A electrically and mechanically held
- Contactor wiring options:
  - Unwired: Mounted in cell only
  - Line side wired: Line side wired to a branch circuit breaker(s)
  - Fully wired: Line side wired to a branch circuit breaker(s), load side wired to the terminal blocks

**NOTE:** Minimum depths are shown. Options are available for 36” D, 48” D NEMA 1 or 35.5” D, 47.5” D or 59.5” D NEMA 3R.

For max. quantity of contactors see the “Appendix” on page 79.
Side-by-Side Stacked NQ Panelboard

Figure 10: 36 in. w x 91.5 in. x 24 in. d
Type 1 Enclosure

NQ Stacked—NF not permitted

SCCR 10–200 kA

208Y/120 Vac 3Ø4W or 120/240 Vac 1Ø3W

• 225 A max. MLO 42 circuits, top or bottom
  — Branch circuit breakers: 150 A max.
  — Option: Sub-feed lugs

• 225/250 A max. Main circuit breaker, max. 42 circuits
  — Branch circuit breakers: 150 A max.
  — Stacking rules:
    • Stacking configuration 1: 2–225/250 A max. Main circuit breaker, 42 circuit interiors (Options: None)
    • Stacking configuration 2: 1–225 A max. Main circuit breaker, 42 circuit interiors (Options: Feed-through lugs) and 1–225 A max. MLO, 42 circuit interiors (Options: None)

NOTE: 60–250 A NQ MLO or Main circuit breaker: An optional 200% rated neutral is available in combination with any of the options listed.

Equipment Space—Stacked

Backplate size 17.75-in. w x 40.75-in. h

• Contactor options:
  — 8903 Type LO, 20 A electrically held and LX mechanically held
  — 8903 Type S, 30–200 A electrically and mechanically held

• Contactor wiring options:
  — Unwired: Mounted in cell only
  — Line side wired: Line side wired to a branch circuit breaker(s)
  — Fully wired: Line side wired to a branch circuit breaker(s), load side wired to the terminal blocks

NOTE: For max. quantity of contactors see “Appendix” on page 79.

NOTE: Minimum depths are shown. Options are available for 36” D, 48” D NEMA 1 or 35.5” D, 47.5” D or 59.5” D NEMA 3R.
Side-by-Side NF Panelboard

Figure 11: 42 in. w x 91.5 in. x 24 in. d
Type 1 Enclosure

NF Stacked or NF Powerlink G3 Stacked

SCCR 10–200 kA
208Y/120 Vac 3Ø4W, 480Y/277 Vac 3Ø4W, or 600Y/347 Vac 3Ø4W, NF Powerlink G3 480Y/277 Vac 3Ø4W max.

• NF 400 A MLO, max. 42 circuits, top or bottom
  — Branch circuit breakers: 125 A max. at 480 V or 100 A max. at 600 V
  — Powerlink G3 branch circuit breakers: 20 A 3P or 30 A 2P max.
  — Option: Sub-feed lugs

• NF Powerlink G3 Master 400 A MLO, max. 36 circuits, 480Y/277 Vac 3Ø4W max.
  — Options: Same as NF panel

• NF Powerlink G3 Slave 400 A MLO, max. 42 circuits, 480Y/277 Vac 3Ø4W max.
  — Options: Same as NF panel

NOTE: 100–250 A NF MLO or Main circuit breaker: An optional 200% rated neutral is available in combination with any of the options listed.

300–400 A NF MLO or Main circuit breaker: An optional 200% neutral can not be combined with any other option in this configuration.

Equipment Space—Stacked

Backplate size 17.75-in. w x 40.75-in. h

• Contactor options:
  — 8903 Type LO, 20 A electrically held and LX mechanically held
  — 8903 Type S, 30–200 A electrically and mechanically held

• Contactor wiring options:
  — Unwired: Mounted in cell only
  — Line side wired: Line side wired to a branch circuit breaker(s)
  — Fully wired: Line side wired to a branch circuit breaker(s), load side wired to the terminal blocks

NOTE: For max. quantity of contactors see “Appendix” on page 79.

NF Side-by-Side or NF Powerlink G3 Side-by-Side

SCCR 10–200 kA
208Y/120 Vac 3Ø4W, 480Y/277 Vac 3Ø4W, or 600Y/347 Vac 3Ø4W, NF Powerlink G3 480Y/277 Vac 3Ø4W max.

• 250 A MLO 42, 54, 66, 84 circuits
  — Branch circuit breakers: 125 A max. at 480 V or 100 A max. at 600 V
  — Powerlink G3 branch circuit breakers: 20 A 3P or 30 A 2P max.
  — Options (choose one):
    • Sub-feed circuit breaker (250 A max.)
    • Sub-feed lugs
    • Surge Protective Device (SPD)

NOTE: Minimum depths are shown. Options are available for 36" D, 48" D NEMA 1 or 35.5" D, 47.5" D or 59.5" D NEMA 3R.
Figure 11 (cont.)

- **400 A MLO 42, 54 circuits**
  - Branch circuit breakers: 125 A max. at 480 V or 100 A max. at 600 V
  - Powerlink G3 branch circuit breakers: 20 A 3P or 30 A 2P max.
  - Options (choose one):
    - Sub-feed circuit breaker (2-250 A or 1-400 A max.)
    - Sub-feed lugs
    - Surge Protective Device (SPD)

- **400 A MLO 66 circuits**
  - Branch circuit breakers: 125 A max. at 480 V or 100 A max. at 600 V
  - Powerlink G3 branch circuit breakers are not available in this circuit count
  - Option: Sub-feed lugs

- **400 A MLO 84 circuits**
  - Branch circuit breakers: 125 A max. at 480 V or 100 A max. at 600 V
  - Powerlink G3 branch circuit breakers: 20 A 3P or 30 A 2P max.
  - Options: None

- **600 A MLO 42 circuits**
  - Branch circuit breakers: 125 A max. at 480 V or 100 A max. at 600 V
  - Powerlink G3 branch circuit breakers: 20 A 3P or 30 A 2P max.
  - Options (choose one):
    - Sub-feed circuit breaker (2-250 A or 1-400 A max.)
    - Sub-feed lugs
    - Surge Protective Device (SPD)

- **600 A MLO 54, 66, 84 circuits**
  - Branch circuit breakers: 125 A max. at 480 V or 100 A max. at 600 V
  - Powerlink G3 branch circuit breakers are not available in 66 or 84 circuit interiors
  - Options: None

- **250 A Main circuit breaker, 42, 54 circuits**
  - Branch circuit breakers: 125 A max. at 480 V or 100 A max. at 600 V
  - Powerlink G3 branch circuit breakers: 20 A 3P or 30 A 2P max.
  - Options (choose one):
    - Feed-through lugs
    - Sub-feed circuit breaker (250 A max.)
    - Surge Protective Device (SPD)

- **250 A Main circuit breaker, 66 circuits**
  - Branch circuit breakers: 125 A max. at 480 V or 100 A max. at 600 V
  - Powerlink G3 branch circuit breakers are not available in this circuit count
  - Option: Feed-through lugs

**NOTE:** 250 A NF MLO or Main circuit breaker: An optional 200% rated neutral is available in combination with any of the options listed.

300–400 A NF MLO or Main circuit breaker: An optional 200% neutral can not be combined with any other option in this configuration.
• 400 A Main circuit breaker, 42 circuits
  — Branch circuit breakers: 125 A max. at 480 V or 100 A max. at 600 V
  — Powerlink G3 branch circuit breakers: 20 A 3P or 30 A 2P max.
  — Options (choose one):
    • Feed-through lugs
    • Sub-feed circuit breaker (2-250 A or 1-400 A max.)
    • Surge Protective Device (SPD)

• 400 A Main circuit breaker, 54 circuits
  — Branch circuit breakers: 125 A max. at 480 V or 100 A max. at 600 V
  — Powerlink G3 branch circuit breakers: 20 A 3P or 30 A 2P max.
  — Option: Feed-through lugs

• 600 A Main circuit breaker, 42 circuits
  — Branch circuit breakers: 125 A max. at 480 V or 100 A max. at 600 V
  — Powerlink G3 branch circuit breakers: 20 A 3P or 30 A 2P max.
  — Options (choose one):
    • Feed-through lugs
    • Sub-feed circuit breaker (2-250 A or 1-400 A max.)
    • Surge Protective Device (SPD)

• 600 A Main circuit breaker, 54 circuits
  — Branch circuit breakers: 125 A max. at 480 V or 100 A max. at 600 V
  — Powerlink G3 branch circuit breakers: 20 A 3P or 30 A 2P max.
  — Options: None

• NF Powerlink G3 Master 600 A MLO, max. 42 circuits, 480Y/277 Vac 3Ø4W max.
  — Options: Same as NF panel

• NF Powerlink G3 Slave 600 A MLO, max. 42 circuits, 480Y/277 Vac 3Ø4W max.
  — Options: Same as NF panel

• NF Powerlink G3 Master 600 A Main circuit breaker, max. 42 circuits, 480Y/277 Vac 3Ø4W max.
  — Options: Same as NF panel

• NF Powerlink G3 Slave 600 A Main circuit breaker, max. 42 circuits, 480Y/277 Vac 3Ø4W max.
  — Options: Same as NF panel
Side-by-Side NQ Panelboard

**NQ Stacked**

SCCR 10–200 kA

208Y/120 Vac 3Ø4W or 120/240 Vac 1Ø3W

- 400 A max. MLO 42 circuits, top or bottom
  - Branch circuit breakers: 150 A max.
  - Options: Sub-feed lugs
- 225/250 A max. Main circuit breaker, max. 42 circuits
  - Branch circuit breakers: 150 A max.
  - Stacking rules:
    - Stacking configuration 1: 2–225/250 A max. Main circuit breaker, 42 circuit interiors (Options: None)
    - Stacking configuration 2: 1–225 A max. Main circuit breaker, 42 circuit interiors (Options: Feed-through lugs) and 1–225 A max. MLO, 42 circuit interiors (Options: None)

**NOTE:** 60–400 A NQ MLO or Main circuit breaker: An optional 200% rated neutral is available in combination with any of the options listed.

**Equipment Space—Stacked**

Backplate size 17.75-in. w x 40.75-in. h

- Contactor options:
  - 8903 Type LO, 20 A electrically held and LX mechanically held
  - 8903 Type S, 30–200 A electrically and mechanically held
- Contactor wiring options:
  - Unwired: Mounted in cell only
  - Line side wired: Line side wired to a branch circuit breaker(s)
  - Fully wired: Line side wired to a branch circuit breaker(s), load side wired to the terminal blocks

**NOTE:** For max. quantity of contactors see “Appendix” on page 79.

**NQ Side-by-Side**

SCCR 10–200 kA

208Y/120 Vac 3Ø4W or 120/240 Vac 1Ø3W

- 400 A MLO, 42, 54, 72 circuits
  - Branch circuit breakers: 150 A max.
  - Options (choose one):
    - Sub-feed circuit breaker (225 A max.)
    - Sub-feed lugs
    - Surge Protective Device (SPD)

**NOTE:** Minimum depths are shown. Options are available for 36” D, 48” D NEMA 1 or 35.5” D, 47.5” D or 59.5” D NEMA 3R.
• 400 A MLO, 84 circuits
  — Branch circuit breakers: 150 A max.
  — Option: Sub-feed lugs

• 600 A MLO, 42, 54, 72 circuits
  — Branch circuit breakers: 150 A max.
  — Options (choose one):
    • Sub-feed circuit breaker (225 A max.)
    • Feed-through lugs
    • Surge Protective Device (SPD)

• 600 A MLO, 84 circuits
  — Branch circuit breakers: 150 A max.
  — Option: Feed-through lugs

• 400 A Main circuit breaker, 42 circuits
  — Branch circuit breakers: 150 A max.
  — Options (choose one):
    • Feed-through lugs
    • Sub-feed circuit breaker (225 A max.)
    • Surge Protective Device (SPD)

• 400 A Main circuit breaker, 54 circuits
  — Branch circuit breakers: 150 A max.
  — Options (choose one):
    • Feed-through lugs
    • Surge Protective Device (SPD)

• 400 A Main circuit breaker, 72, 84 circuits
  — Branch circuit breakers: 150 A max.
  — Option: Feed-through lugs

• 600 A Main circuit breaker, 42 circuits
  — Branch circuit breakers: 150 A max.
  — Options (choose one):
    • Feed-through lugs
    • Surge Protective Device (SPD)

• 600 A Main circuit breaker, 54, 72, 84 circuits
  — Branch circuit breakers: 150 A max.
  — Option: Feed-through lugs

**NOTE:** 60–400 A NQ MLO or Main circuit breaker: An optional 200% rated neutral is available in combination with any of the options listed.
Stacked NQ, NF, or NF Powerlink G3 Panelboard

NQ Stacked

SCCR 10–200 kA

208Y/120 Vac 3Ø4W or 120/240 Vac 1Ø3W

- 400 A max. MLO, 42 circuits, top or bottom
  - Branch circuit breakers: 150 A max.
  - Option: Sub-feed lugs

- 225/250 A max. Main circuit breaker, max. 42 circuits
  - Branch circuit breakers: 150 A max.
  - Stacking rules:
    - Stacking configuration 1: 2–225/250 A max. Main circuit breaker, 42 circuit interiors (Options: None)
    - Stacking configuration 2: 1–225 A max. Main circuit breaker, 42 circuit interiors (Options: Feed-through lugs) and 1–225 A max. MLO, 42 circuit interiors (Options: None)

NOTE: 60–400 A NQ MLO or Main circuit breaker: An optional 200% rated neutral is available in combination with any of the options listed.

NF Stacked or NF Powerlink G3 Stacked

SCCR 10–200 kA

208Y/120 Vac 3Ø4W, 480Y/277 Vac 3Ø4W, or 600Y/347 Vac 3Ø4W

- NF 400 A MLO, max. 42 circuits, top or bottom
  - Branch breakers: 125 A max. at 480 V or 100 A max. at 600 V
  - Powerlink G3 branch circuit breakers: 20 A 3P or 30 A 2P max.
  - Option: Sub-feed lugs

- NF Powerlink G3 Master 400 A MLO, max. 36 circuits, 480Y/277 Vac 3Ø4W max.
  - Same options as NF panel

- NF Powerlink G3 Slave 400 A MLO, max. 42 circuits, 480Y/277 Vac 3Ø4W max.
  - Same options as NF panel

NOTE: Minimum depths are shown. Options are available for 36” D, 48” D NEMA 1 or 35.5” D, 47.5” D or 59.5” D NEMA 3R.

100–250 A NF MLO or Main circuit breaker: An optional 200% rated neutral is available in combination with any of the options listed.

300–400 A NF MLO or Main circuit breaker: An optional 200% neutral can not be combined with any other option in this configuration.

NOTE: For max. quantity of contactors see “Appendix” on page 79.

Equipment Space—Stacked

Backplate size 17.75-in. w x 40.75-in. h

- Contactor options:
  - 8903 Type LO, 20 A electrically held and LX mechanically held
  - 8903 Type S, 30–200 A electrically and mechanically held

- Contactor wiring options:
  - Unwired: Mounted in cell only
  - Line side wired: Line side wired to a branch circuit breaker(s)
  - Fully wired: Line side wired to a branch circuit breaker(s), load side wired to the terminal blocks
Automatic Transfer Switch Section

Stacked Automatic Transfer Switch (1/2 Height)

SCCR 10–65 kA (240 Vac)
SCCR 10–65 kA (480Y/277 Vac)
SCCR 10–50 kA (600Y/347 Vac)
600Y/347 Vac 3Ø4W, or 480Y/277 Vac 3Ø4W, or 208Y/120 Vac 3Ø4W, or 120/240 Vac 1Ø3W
ATS Ampere ratings 30–400 A with or without switched neutral
Options:
• Programmable Engine Exerciser (11BG)
• Two Utility and two Generator auxiliary contacts (14 AA/14 BA)
• Strip heater with Thermostat (External 120 Volt power source) (44 A)
• Strip heater with Thermostat (Internal Power Source) (44 G)
• Transfer to emergency alarm horn and silence switch (City of Chicago) includes 11BG (62W)
• Serial module (RS-485 interface) (72 A)
• Connectivity Module (Ethernet TCP/IP network) (72E)
• Surge Suppressor
  — (73VN1) for Utility, 1 required—240 volts, 1 phase
  — (73VB1) for Utility and Generator, 2 required—240 volts, 1 phase
  — (73VN3) for Utility, 1 required—208 volts, 3 phase
  — (73VB3) for Utility and Generator—2 required 208 volts, 3 phase

NOTE: ASCO 300 Series switches are used as a standard but other unit options and configurations are available. Please contact your Schneider Electric representative to request details or a review of your application.

Individually Mounted Circuit Breakers (1/2 Height)

SCCR 10–100 kA
15–800 A circuit breaker trip rating; 600 Vac max.
Circuit breaker options:
• 120 Vac shunt trip
• Handle padlock attachment

NOTE: Minimum depths are shown. Options are available for 36" D, 48" D NEMA 1 or 35.5" D, 47.5" D or 59.5" D NEMA 3R.
Stacked Automatic Transfer Switch—Stacked NF or NQ

Figure 15: 24 in. w x 91.5 in. x 24 in. d
Type 1 Enclosure

Automatic Transfer Switch (1/2 Height)

SCCR 10–65 kA (240 Vac)
SCCR 10–65 kA (480Y/277 Vac)
SCCR 10–50 kA (600Y/347 Vac)
600Y/347 Vac 3Ø4W, 480Y/277 Vac 3Ø4W, 208Y/120 Vac 3Ø4W, or 120/240 Vac 1Ø3W
ATS Ampere ratings 30–400 A with or without switched neutral
Options:
- Programmable Engine Exerciser (11BG)
- Two utility and two generator auxiliary contacts—14 AA/14 BA
- Strip heater with Thermostat (External 120 Volt power source) (44 A)
- Strip heater with Thermostat (Internal Power Source) (44 G)
- Transfer to emergency alarm horn and silence switch (City of Chicago) includes 11BG (62W)
- Serial module (RS-485 interface) (72 A)
- Connectivity Module (Ethernet TCP/IP network) (72E)
- Surge Suppressor
  - (73VN1) for Utility, 1 required—240 volts, 1 phase
  - (73VB1) for Utility and Generator, 2 required—240 volts, 1 phase
  - (73VN3) for Utility, 1 required—208 volts, 3 phase
  - (73VB3) for Utility and Generator—2 required 208 volts, 3 phase

Equipment Space (1/2 Height)

Backplate size 17.75-in. w x 40.75-in. h
Short circuit current rating (SCCR), see document no. 2010DB0201
- Contactor options:
  - 8903 Type LO, 20 A electrically held and LX mechanically held
  - 8903 Type S, 30–200 A electrically and mechanically held
- Contactor wiring options:
  - Unwired: Mounted in cell only
  - Line side wired: Line side wired to a branch circuit breaker(s)
  - Fully wired: Line side wired to a branch circuit breaker(s), load side wired to the terminal blocks

NOTE: For max. quantity of contactors see “Appendix” on page 79.

NOTE: Minimum depths are shown. Options are available for 36" D, 48" D NEMA 1 or 35.5" D, 47.5" D or 59.5" D NEMA 3R.
NQ Stacked Combination

SCCR 10–200 kA
208Y/120 Vac 3Ø4W or 120/240 Vac 1Ø3W

• 400 A max. MLO, 42 circuits, top or bottom
  — Branch circuit breakers: 150 A max.
  — Options: Sub-feed lugs

• 250 A max. Main circuit breaker, 42 circuits
  — Branch circuit breakers: 150 A max.
  — Options: None

**NOTE:** 60–400 A NQ MLO or Main circuit breaker: An optional 200% rated neutral is available in combination with any of the options listed.

NF Stacked Combination or NF Powerlink G3 Stacked Combo

SCCR 10–200 kA
208Y/120 Vac 3Ø4W, 480Y/277 Vac 3Ø4W, or 600Y/347 Vac 3Ø4W, NF Powerlink G3 480Y/277 Vac 3Ø4W max.

• NF 400 A MLO, max. 42 circuits, top or bottom
  — Branch circuit breakers: 125 A max. at 480 V or 100 A max. at 600 V
  — Powerlink G3 branch circuit breakers: 20 A 3P or 30 A 2P max.
  — Options: Sub-feed lugs

• NF Powerlink G3 Master, 400 A MLO, max. 42 circuits, 480Y/277 Vac 3Ø4W max.
  — Options: Same as NF panel

• NF Powerlink G3 Slave, 400 A MLO, max. 42 circuits, 480Y/277 Vac 3Ø4W max.
  — Options: Same as NF panel

**NOTE:** 100–250 A NF MLO or Main circuit breaker: An optional 200% rated neutral is available in combination with any of the options listed.

300–400 A NF MLO or Main circuit breaker: An optional 200% neutral can not be combined with any other option in this configuration.
Stacked Equipment Space

Figure 16: 24 in. w x 91.5 in. x 24 in. d
Type 1 Enclosure

Equipment Space (1/4 Height)

Backplate size 17.5 in. w x 20.38 in. h
SCCR, see document no. 2010DB0201

- Contactor options:
  - 8903 Type LO, 20 A electrically held and LX mechanically held
  - 8903 Type S, 30–200 A electrically and mechanically held

- Contactor wiring options
  - Unwired: Mounted in cell only
  - Line side wired: Line side wired to a branch circuit breaker(s)
  - Fully wired: Line side wired to a branch circuit breaker(s), load side wired to the terminal blocks

**NOTE:** For max. quantity of contactors see “Appendix” on page 79.

NQ Stacked Combination (3/4 Height)

SCCR 10–200 kA
208Y/120 Vac 3Ø4W or 120/240 Vac 1Ø3W

- 225 A MLO, max. 42, 54 circuits
  - Branch circuit breakers: 150 A max.
  - Option: Sub-feed lugs

- 225 A MLO, max. 72, 84 circuits
  - Branch circuit breakers: 150 A max.
  - Option: Sub-feed lugs

- 400 A MLO, max. 42 circuits
  - Branch circuit breakers: 150 A max.
  - Option: Sub-feed lugs

- 600 A MLO, max. 42 circuits
  - Branch circuit breakers: 150 A max.
  - Option: Feed-through lugs

- 225/250 A max. Vertical Main circuit breaker, 42 circuits max.
  - Branch circuit breakers: 150 A max.
  - Option: Feed-through lugs

- 250 A max. Vertical Main circuit breaker, 54, 72 circuits max.
  - Branch circuit breakers: 150 A max.
  - Options: None

**NOTE:** Minimum depths are shown. Options are available for 36" D, 48" D NEMA 1 or 35.5" D, 47.5" D or 59.5" D NEMA 3R.

60–400 A NQ MLO or Main circuit breaker: An optional 200% rated neutral is available in combination with any of the options listed.
NF Stacked Combination or NF Powerlink G3 Stacked Combination

SCCR 10–200 kA
208Y/120 Vac 3Ø4W, 480Y/277 Vac 3Ø4W, or 600Y/347 Vac 3Ø4W

- 250 A MLO, max. 42 circuits
  - Branch circuit breakers: 125 A max. at 480 V or 100 A max. at 600 V
  - Powerlink G3 branch circuit breakers: 20 A 3P or 30 A 2P max.
  - Options (choose one):
    - Sub-feed lugs
    - Surge Protective Device (SPD)

- 250 A MLO, max. 54 circuits
  - Branch circuit breakers: 125 A max. at 480 V or 100 A max. at 600 V
  - Powerlink G3 branch circuit breakers: 20 A 3P or 30 A 2P max.
  - Option: Sub-feed lugs

- 400 A MLO, max. 42 circuits
  - Branch circuit breakers: 125 A max. at 480 V or 100 A max. at 600 V
  - Powerlink G3 branch circuit breakers: 20 A 3P or 30 A 2P max.
  - Option: Sub-feed lugs

- 250 A Vertical Main circuit breaker, max. 42 circuits
  - Branch circuit breakers: 125 A max. at 480 V or 100 A max. at 600 V
  - Powerlink G3 branch circuit breakers: 20 A 3P or 30 A 2P max.
  - Options: None

- NF Powerlink G3 Master 400 A MLO, max. 42 circuits, 480Y/277 Vac 3Ø4W max.
  - Options: Same as NF panel

- NF Powerlink G3 Slave 400 A MLO, max. 42 circuits, 480Y/277 Vac 3Ø4W max.
  - Options: Same as NF panel

- NF Powerlink G3 Master 250 A, Main circuit breaker, max. 42 circuits, 480Y/277 Vac 3Ø4W max.
  - Options: Same as NF panel

- NF Powerlink G3 Slave 250 A, Main circuit breaker, max. 42 circuits, 480Y/277 Vac 3Ø4W max.
  - Options: Same as NF panel

NOTE: 250 A NF MLO or Main circuit breaker: An optional 200% rated neutral is available in combination with any of the options listed.

300–400 A NF MLO or Main circuit breaker: An optional 200% neutral can not be combined with any other option in this configuration.
NQ Stacked Combination

Figure 17: 36 in. w x 91.5 in. x 24 in. d Type 1 Enclosure

Equipment Space—Left (1/4 Height)

Backplate size 13.75 in. w x 20.38 in. h
SCCR, see document no. 2010DB0201

- Contactor options:
  - 8903 Type LO, 20 A electrically held and LX mechanically held
  - 8903 Type S, 30–200 A electrically and mechanically held

- Contactor wiring options:
  - Unwired: Mounted in cell only
  - Line side wired: Line side wired to a branch circuit breaker(s)
  - Fully wired: Line side wired to a branch circuit breaker(s), load side wired to the terminal blocks

Equipment Space—Right (1/2 Height)

Backplate size 13.75 in. w x 40.75 in. h
SCCR, see document no. 2010DB0201

- Contactor options:
  - 8903 Type LO, 20 A electrically held and LX mechanically held
  - 8903 Type S, 30–200 A electrically and mechanically held

- Contactor wiring options:
  - Unwired: Mounted in cell only
  - Line side wired: Line side wired to a branch circuit breaker(s)
  - Fully wired: Line side wired to a branch circuit breaker(s), load side wired to the terminal blocks

NQ Stacked Combination—Left (3/4 Height)

SCCR 10–200 kA
208Y/120 Vac 3Ø4W or 120/240 Vac 1Ø3W

- 225 A max. MLO, 42, 54 circuits max.
  - Branch circuit breakers: 150 A max.
  - Options (choose one):
    - Feed-through lugs
    - Sub-feed circuit breaker (225 A max.)
    - Surge Protective Device (SPD)

- 225 A max. MLO, 72, 84 circuits max.
  - Branch circuit breakers: 150 A max.
  - Option: Sub-feed lugs

- 225/250 A max. Main circuit breaker, 42 circuits
  - Branch circuit breakers: 150 A max.
  - Option: Feed-through lugs

- 225/250 A max. Main circuit breaker, 54 circuits
  - Branch circuit breakers: 150 A max.
  - Options: None

NQ Stacked Combination—Right (1/2 Height)

SCCR 10–200 kA
208Y/120 Vac 3Ø4W or 120/240 Vac 1Ø3W

- 225 A max. MLO, 42 circuits
  - Branch circuit breakers: 150 A max.
  - Options: Sub-feed lugs

- 225/250 A max. Main circuit breaker, 42 circuits
  - Branch circuit breakers: 150 A max.
  - Options: None

**NOTE:** 60 A–400 A NQ MLO or Main circuit breaker: An optional 200% rated neutral is available in combination with any of the options listed.

**NOTE:** For max. quantity of contactors see “Appendix” on page 79.

Minimum depths are shown. Options are available for 36” D, 48” D NEMA 1 or 35.5” D, 47.5” D or 59.5” D NEMA 3R.

**NOTE:** For max. quantity of contactors see “Appendix” on page 79.
Figure 18: 36 in. w x 91.5 in. x 24 in. d
Type 1 Enclosure

Equipment Space—Left (1/2 Height)
Backplate size 13.75 in. w x 40.75 in. h
SCCR, see document no. 2010DB0201
• Contactor options:
  — 8903 Type LO, 20 A electrically held and LX mechanically held
  — 8903 Type S, 30–200 A electrically and mechanically held
• Contactor wiring options:
  — Unwired: Mounted in cell only
  — Line side wired: Line side wired to a branch circuit breaker(s)
  — Fully wired: Line side wired to a branch circuit breaker(s), load side wired to the terminal blocks

NQ Stacked Combination
1/2 Height)
SCCR 10–200 kA
208Y/120 Vac 3Ø4W or 120/240 Vac 1Ø3W
• 225 A max. MLO, 42 circuits max.
  — Branch circuit breakers: 150 A max.
  — Option: Sub-feed lugs
• 225/250 A max. Main circuit breaker, 42 circuits
  — Branch circuit breakers: 150 A max.
  — Options: None

NOTE: 60 A–250 A NQ MLO or Main circuit breaker: An optional 200% rated neutral is available in combination with any of the options listed.

NOTE: For max. quantity of contactors see “Appendix” on page 79.

Minimum depths are shown. Options are available for 36” D, 48” D NEMA 1 or 35.5” D, 47.5” D or 59.5” D NEMA 3R.

Equipment Space—Right (1/4 Height)
Backplate size 13.75 in. w x 20.38 in. h
SCCR, see document no. 2010DB0201
• Contactor options:
  — 8903 Type LO, 20 A electrically held and LX mechanically held
  — 8903 Type S, 30–200 A electrically and mechanically held
• Contactor wiring options:
  — Unwired: Mounted in cell only
  — Line side wired: Line side wired to a branch circuit breaker(s)
  — Fully wired: Line side wired to a branch circuit breaker(s), load side wired to the terminal blocks

NQ Stacked Combination
(3/4 Height)
SCCR 10–200 kA
208Y/120 Vac 3Ø4W or 120/240 Vac 1Ø3W
• 225 A max. MLO, 42, 54 circuits
  — Branch circuit breakers: 150 A max.
  — Options (choose one):
    • Feed-through lugs
    • Sub-feed circuit breaker (225 A max.)
    • Surge Protective Device (SPD)
• 225 A max. MLO, 72, 84 circuits
  — Branch circuit breakers: 150 A max.
  — Options (choose one):
    • Feed-through lugs
    • Sub-feed circuit breaker (225 A max.)
    • Surge Protective Device (SPD)
• 225/250 A max. Main circuit breaker, 42 circuits
  — Branch circuit breakers: 150 A max.
  — Option: Feed-through lugs
• 225/250 A max. Main circuit breaker, 54, 72 circuits
  — Branch circuit breakers: 150 A max.
  — Options: None
Equipment Space—1/2 Height—Left

Backplate size 13.75 in. w x 40.75 in. h

SCCR, see document no. 2010DB0201

- Contactor options:
  - 8903 Type LO, 20 A electrically held and LX mechanically held
  - 8903 Type S, 30–200 A electrically and mechanically held

- Contactor wiring options
  - Unwired: Mounted in cell only
  - Line side wired: Line side wired to a branch circuit breaker(s)
  - Fully wired: Line side wired to a branch circuit breaker(s), load side wired to the terminal blocks

NQ Stacked Combination—Left

SCCR 10–200 kA

208Y/120 Vac 3Ø4W or 120/240 Vac 1Ø3W

- 225 A max. MLO, 42 circuits
  - Branch circuit breakers: 150 A max.
  - Option: Sub-feed lugs

- 225/250 A max. Main circuit breaker, max. 42 circuits
  - Branch circuit breakers: 150 A max.
  - Options: None

NQ Stacked Combination—Right

SCCR 10–200 kA

208Y/120 Vac 3Ø4W or 120/240 Vac 1Ø3W

- 225 A max. MLO, 42 circuits
  - Branch circuit breakers: 150 A max.
  - Option: Sub-feed lugs

- 225/250 A max. Main circuit breaker, max. 42 circuits
  - Branch circuit breakers: 150 A max.
  - Options: None

NQ Stacked—Right

SCCR 10–200 kA

208Y/120 Vac 3Ø4W or 120/240 Vac 1Ø3W

- 225 A max. MLO, 42 circuits, top or bottom
  - Branch circuit breakers: 150 A max.
  - Option: Sub-feed lugs

- 250 A max. Main circuit breaker, 42 circuits
  - Branch circuit breakers: 150 A max.
  - Stacking rules:
    - Stacking configuration 1: 2–225/250 A max. Main circuit breaker, 42 circuit interiors (Options: None)
    - Stacking configuration 2: 1–225 A max. Main circuit breaker, 42 circuit interiors (Options: Feed-through lugs) and 1–225 A max. MLO, 42 circuit interiors (Options: None)

NOTE: 60 A–250 A NQ MLO or Main circuit breaker: An optional 200% rated neutral is available in combination with any of the options listed.

NOTE: For max. quantity of contactors see “Appendix” on page 79.

Minimum depths are shown. Options are available for 36" D, 48" D NEMA 1 or 35.5" D, 47.5" D or 59.5" D NEMA 3R.
Figure 20: 36 in. w x 91.5 in. x 24 in. d
Type 1 Enclosure

**NQ Stacked Combination—Left**

- **SCCR 10–200 kA**
  - **208Y/120 Vac 3Ø4W or 120/240 Vac 1Ø3W**
    - 225 A max. MLO 42 circuits
      - Branch circuit breakers: 150 A max.
      - Options: Sub-feed lugs
    - 225/250 A max. Main circuit breaker, max. 42 circuits
      - Branch circuit breakers: 150 A max.
      - Stacking rules:
        - Stacking configuration 1: 2–225/250 A max. Main circuit breaker, 42 circuit interiors (Options: None)
        - Stacking configuration 2: 1–225 A max. Main circuit breaker, 42 circuit interiors (Options: Feed-through lugs) and 1–225 A max. MLO, 42 circuit interiors (Options: None)

**Equipment Space—1/2 Height—Right**

- Backplate size 13.75 in. w x 40.75 in. h
- SCCR, see document no. 2010DB0201
  - Contactor options:
    - 8903 Type LO, 20 A electrically held and LX mechanically held
    - 8903 Type S, 30–200 A electrically and mechanically held
  - Contactor wiring options
    - Unwired: Mounted in cell only
    - Line side wired: Line side wired to a branch circuit breaker(s)
    - Fully wired: Line side wired to a branch circuit breaker(s), load side wired to the terminal blocks

**NQ Stacked Combination—Left**

- **SCCR 10–200 kA**
  - **208Y/120 Vac 3Ø4W or 120/240 Vac 1Ø3W**
    - 225 A max. MLO, 42 circuits, top or bottom
      - Branch circuit breakers: 150 A max.
      - Option: Sub-feed lugs
    - 225/250 A max. Main circuit breaker, max. 42 circuits
      - Branch circuit breakers: 150 A max.
      - Stacking rules:
        - Stacking configuration 1: 2–225/250 A max. Main circuit breaker, 42 circuit interiors (Options: None)
        - Stacking configuration 2: 1–225 A max. Main circuit breaker, 42 circuit interiors (Options: Feed-through lugs) and 1–225 A max. MLO, 42 circuit interiors (Options: None)

**NQ Stacked—Right**

- **SCCR 10–200 kA**
  - **208Y/120 Vac 3Ø4W or 120/240 Vac 1Ø3W**
    - 225 A max. MLO, 42 circuits, top or bottom
      - Branch circuit breakers: 150 A max.
      - Option: Sub-feed lugs
    - 225/250 A max. Main circuit breaker, max. 42 circuits
      - Branch circuit breakers: 150 A max.
      - Options: None

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**NOTE:** For max. quantity of contactors see “Appendix” on page 79.

Minimum depths are shown. Options are available for 36” D, 48” D NEMA 1 or 35.5” D, 47.5” D or 59.5” D NEMA 3R.

**NOTE:** 60 A–250 A NQ MLO or Main circuit breaker: An optional 200% rated neutral is available in combination with any of the options listed.
### NQ, NF, or NF Powerlink G3 Stacked Combination

#### Figure 21: 42 in. w x 91.5 in. x 24 in. d

#### Type 1 Enclosure

#### Equipment Space—Left (1/4 Height)

Backplate size 17.75 in. w x 20.38 in. h

SCCR, see document no. 2010DB0201

- Contactor options:
  - 8903 Type LO, 20 A electrically held and LX mechanically held
  - 8903 Type S, 30–200 A electrically and mechanically held

- Contactor wiring options
  - Unwired: Mounted in cell only
  - Line side wired: Line side wired to a branch circuit breaker(s)
  - Fully wired: Line side wired to a branch circuit breaker(s), load side wired to the terminal blocks

#### NQ Stacked Combination (3/4 Height)

SCCR 10–200 kA

- 208Y/120 Vac 3Ø4W or 120/240 Vac 1Ø3W

- 225 A max. MLO, 42, 54 circuits
  - Branch circuit breakers: 150 A max.
  - Options (choose one):
    - Feed-through lugs
    - Sub-feed circuit breaker (225 A max.)
    - Surge Protective Device (SPD)

- 225 A max. MLO, 72, 84 circuits
  - Branch circuit breakers: 150 A max.
  - Option: Sub-feed lugs

- 400 A max. MLO, 42 circuits
  - Branch circuit breakers: 150 A max.
  - Option: Sub-feed lugs

- 225/250 A Vertical Main circuit breaker, 42 circuits
  - Branch circuit breakers: 150 A max.
  - Option: Feed-through lugs

- 225/250 A Vertical Main circuit breaker, 54, 72 circuits
  - Branch circuit breakers: 150 A max.
  - Option: None

#### Equipment Space—Right (1/2 Height)

Backplate size 17.75 in. w x 40.75 in. h

SCCR, see document no. 2010DB0201

- Contactor options:
  - 8903 Type LO, 20 A electrically held and LX mechanically held
  - 8903 Type S, 30–200 A electrically and mechanically held

- Contactor wiring options
  - Unwired: Mounted in cell only
  - Line side wired: Line side wired to a branch circuit breaker(s)
  - Fully wired: Line side wired to a branch circuit breaker(s), load side wired to the terminal blocks

#### NQ Stacked Combination (1/2 Height)

SCCR 10–200 kA

- 208Y/120 Vac 3Ø4W or 120/240 Vac 1Ø3W

- 400 A max. MLO, 42 circuits
  - Branch circuit breakers: 150 A max.
  - Option: Sub-feed lugs

- 225/250 A Vertical Main circuit breaker, 42 circuits
  - Branch circuit breakers: 150 A max.
  - Options: None

**NOTE:** 60 A–400 A NQ MLO or Main circuit breaker: An optional 200% rated neutral is available in combination with any of the options listed.

**NOTE:** For max. quantity of contactors see “Appendix” on page 79.

Minimum depths are shown. Options are available for 36” D, 48” D NEMA 1 or 35.5” D, 47.5” D or 59.5” D NEMA 3R.
### NF Stacked Combination or NF Powerlink G3 Stacked Combination (3/4 Height)

SCCR 10–200 kA

208Y/120 Vac 3Ø4W, 480Y/277 Vac 3Ø4W, or 600Y/347 Vac 3Ø4W, NF Powerlink G3 480Y/277 Vac 3Ø4W max.

- NF 250 A max. MLO, 42 circuits
  - Branch circuit breakers: 125 A max. at 480 V or 100 A max. at 600 V
  - Powerlink G3 branch circuit breakers: 20 A 3P or 30 A 2P max.
  - Options (choose one):
    - Sub-feed lugs
    - Surge Protective Device (SPD)
- NF 250 A max. MLO, 54 circuits
  - Branch circuit breakers: 125 A max. at 480 V or 100 A max. at 600 V
  - Powerlink G3 branch circuit breakers: 20 A 3P or 30 A 2P max.
  - Option: Sub-feed lugs
- NF 250 A max. MLO, 42 circuits, top or bottom
  - Branch circuit breakers: 125 A max. at 480 V or 100 A max. at 600 V
  - Powerlink G3 branch circuit breakers: 20 A 3P or 30 A 2P max.
  - Option: Sub-feed lugs
- 250 A Vertical Main circuit breaker, 42 circuits
  - Branch circuit breakers: 125 A max. at 480 V or 100 A max. at 600 V
  - Powerlink G3 branch circuit breakers: 20 A 3P or 30 A 2P max.
  - Options: None
- NF Powerlink G3 Master 400 A MLO, max. 36 circuits, 480Y/277 Vac 3Ø4W max.
  - Same options as NF panel
- NF Powerlink G3 Slave 400 A MLO, max. 42 circuits, 480Y/277 Vac 3Ø4W max.
  - Same options as NF panel
- NF Powerlink G3 Master 250 A, Main circuit breaker max. 36 circuits, 480Y/277 Vac 3Ø4W max.
  - Same options as NF panel
- NF Powerlink G3 Slave 250 A, Main circuit breaker, max. 42 circuits, 480Y/277 Vac 3Ø4W max.
  - Same options as NF panel

### NF Stacked Combination or NF Powerlink G3 Stacked Combination (1/2 Height)

SCCR 10–200 kA

208Y/120 Vac 3Ø4W, 480Y/277 Vac 3Ø4W, or 600Y/347 Vac 3Ø4W, NF Powerlink G3 480Y/277 Vac 3Ø4W max.

- NF 400 A MLO, max 42 circuits, top or bottom
  - Branch circuit breakers: 125 A max. at 480 V or 100 A max. at 600 V
  - Powerlink G3 branch circuit breakers: 20 A 3P or 30 A 2P max.
  - Option: Sub-feed lugs
- NF Powerlink G3 Master 400 A MLO, max. 42 circuits, 480Y/277 Vac 3Ø4W max.
  - Options: Same as NF panel
- NF Powerlink G3 Slave 400 A MLO, max. 42 circuits, 480Y/277 Vac 3Ø4W max.
  - Options: Same as NF panel

**NOTE:**

100 A–250 A NF MLO or Main circuit breaker: An optional 200% rated neutral is available in combination with any of the options listed.

300 A–400 A NF MLO or Main circuit breaker: An optional 200% neutral can not be combined with any other option in this configuration.

- An optional 200% rated neutral is available in combination with any of the options listed.
- An optional 200% neutral can not be combined with any other option in this configuration.
Figure 22: 42 in. w x 91.5 in. x 24 in. d
Type 1 Enclosure

NOTE: 60 A–400 A NQ MLO or Main circuit breaker: An optional 200% rated neutral is available in combination with any of the options listed.

NOTE: For max. quantity of contactors see “Appendix” on page 79.

Minimum depths are shown. Options are available for 36" D, 48" D NEMA 1 or 35.5" D, 47.5" D or 59.5" D NEMA 3R.

Equipment Space—Left (1/2 Height)
Backplate size 17.75 in w x 40.75 in h
SCCR, see document no. 2010DB0201
- Contactor options:
  - 8903 Type LO, 20 A electrically held and LX mechanically held
  - 8903 Type S, 30–200 A electrically and, mechanically held
- Contactor wiring options
  - Unwired: Mounted in cell only
  - Line side wired: Line side wired to a branch circuit breaker(s)
  - Fully wired: Line side wired to a branch circuit breaker(s), load side wired to the terminal blocks

NQ Stacked Combination (1/2 Height)
SCCR 10–200 kA
208Y/120 Vac 3Ø4W or 120/240 Vac 1Ø3W
- 400 A max. MLO, 42 circuits
  - Branch circuit breakers: 150 A max.
  - Option: Sub-feed lugs
- 225/250 A Vertical Main circuit breaker, 42 circuits
  - Branch circuit breakers: 150 A max.
  - Options: None

Equipment Space—Right (1/4 Height)
Backplate size 17.75 in w x 20.38 in h
SCCR, see document no. 2010DB0201
- Contactor options:
  - 8903 Type LO, 20 A electrically held and LX mechanically held
  - 8903 Type S, 30–200 A electrically and, mechanically held
- Contactor wiring options
  - Unwired: Mounted in cell only
  - Line side wired: Line side wired to a branch circuit breaker(s)
  - Fully wired: Line side wired to a branch circuit breaker(s), load side wired to the terminal blocks

NQ Stacked Combination (3/4 Height)
SCCR 10–200 kA
208Y/120 Vac 3Ø4W or 120/240 Vac 1Ø3W
- 225 A max. MLO, 42, 54 circuits
  - Branch circuit breakers: 150 A max.
  - Options (choose one):
    - Through-feed lugs
    - Sub-feed Circuit Breaker (225 A max.)
    - Surge Protective Device (SPD)
  - 225 A max. MLO, 72, 84 circuits
    - Branch circuit breakers: 150 A max.
    - Option: Sub-feed lugs
- 400 A max. MLO, 42 circuits
  - Branch circuit breakers: 150 A max.
  - Options: Sub-feed lugs
- 225/250 A Vertical Main circuit breaker, 42 circuits
  - Branch circuit breakers: 150 A max.
  - Options: Feed-through lugs
- 225/250 A Vertical Main circuit breaker, 54, 72 circuits
  - Branch circuit breakers: 150 A max.
  - Options: None
Figure 22 (cont.)

**NF Stacked Combination or NF Powerlink G3 Stacked Combination (1/2 Height)**

**SCCR 10–200 kA**

208Y/120 Vac 3Ø4W, 480Y/277 Vac 3Ø4W, or 600Y/347 Vac 3Ø4W, NF Powerlink G3 480Y/277 Vac 3Ø4W max.

- NF 400 A max. MLO, 42 circuits, top or bottom
  - Branch circuit breakers: 125 A max. at 480 V or 100 A max. at 600 V
  - Powerlink G3 branch circuit breakers: 20 A 3P or 30 A 2P max.
  - Option: Sub-feed lugs
- NF Powerlink G3 Master 400 A MLO, max. 42 circuits, 480Y/277 Vac 3Ø4W max.
  - Options: Same as NF panel
- NF Powerlink G3 Slave 400 A MLO, max. 42 circuits, 480Y/277 Vac 3Ø4W max.
  - Options: Same as NF panel

**NF Stacked Combination or NF Powerlink G3 Stacked Combination (3/4 Height)**

**SCCR 10–200 kA**

208Y/120 Vac 3Ø4W, 480Y/277 Vac 3Ø4W, or 600Y/347 Vac 3Ø4W, NF Powerlink G3 480Y/277 Vac 3Ø4W max.

- NF 250 A max. MLO, 42 circuits
  - Branch circuit breakers: 125 A max. at 480 V or 100 A max. at 600 V
  - Powerlink G3 branch circuit breakers: 20 A 3P or 30 A 2P max.
  - Options (choose one):
    - Sub-feed lugs
    - Surge Protective Device (SPD)
- NF 250 A max. MLO, 54 circuits
  - Branch circuit breakers: 125 A max. at 480 V or 100 A max. at 600 V
  - Powerlink G3 branch circuit breakers: 20 A 3P or 30 A 2P max.
  - Option: Sub-feed lugs
- NF 400 A MLO, max. 42 circuits, top or bottom
  - Branch circuit breakers: 125 A max. at 480 V or 100 A max. at 600 V
  - Powerlink G3 branch circuit breakers: 20 A 3P or 30 A 2P max.
  - Option: Sub-feed lugs
- 250 A Vertical Main circuit breaker, 42 circuits
  - Branch circuit breakers: 125 A max. at 480 V or 100 A max. at 600 V
  - Powerlink G3 branch circuit breakers: 20 A 3P or 30 A 2P max.
  - Option: None
- NF Powerlink G3 Master 400 A MLO, max. 42 circuits, 480Y/277 Vac 3Ø4W max.
  - Options: Same as NF panel
- NF Powerlink G3 Slave 400 A MLO, max. 42 circuits, 480Y/277 Vac 3Ø4W max.
  - Options: Same as NF panel
- NF Powerlink G3 Master 250 A, Main circuit breaker, max. 42 circuits, 480Y/277 Vac 3Ø4W max.
  - Options: Same as NF panel
- NF Powerlink G3 Slave 250 A Main circuit breaker, max. 42 circuits, 480Y/277 Vac 3Ø4W max.
  - Options: Same as NF panel

**NOTE:**

- 100 A–250 A NF MLO or Main circuit breaker: An optional 200% rated neutral is available in combination with any of the options listed.
- 300 A–400 A NF MLO or Main circuit breaker: An optional 200% neutral can not be combined with any other option in this configuration.

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**NOTE:**

- 100 A–250 A NF MLO or Main circuit breaker: An optional 200% rated neutral is available in combination with any of the options listed.
- 300 A–400 A NF MLO or Main circuit breaker: An optional 200% neutral can not be combined with any other option in this configuration.

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**Figure 23: 42 in. w x 91.5 in. x 24 in. d Type 1 Enclosure**

60 A–400 A NQ MLO or Main circuit breaker: An optional 200% rated neutral in combination with any of the options listed.

**NOTE:** 100 A–250 A NF MLO or Main circuit breaker: An optional 200% rated neutral is available in combination with any of the options listed.

300 A–400 A NF MLO or Main circuit breaker: An optional 200% neutral can not be combined with any other option in this configuration.

**NOTE:** For max. quantity of contactors see “Appendix” on page 79.

Minimum depths are shown. Options are available for 36" D, 48" D NEMA 1 or 35.5" D, 47.5" D or 59.5" D NEMA 3R.

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**Equipment Space—Left (1/2 Height)**

Backplate size 17.75-in w x 40.75-in h

SCCR, see document no. 2010DB0201

- Contactor options:
  - 8903 Type LO, 20 A electrically held and, LX mechanically held
  - 8903 Type S, 30–200 A electrically and mechanically held

- Contactor wiring options
  - Unwired: Mounted in cell only
  - Line side wired: Line side wired to a branch circuit breaker(s)
  - Fully wired: Line side wired to a branch circuit breaker(s), load side wired to the terminal blocks

**NQ Stacked Combination (1/2 Height)**

SCCR 10–200 kA

208Y/120 Vac 3Ø4W or 120/240 Vac 1Ø3W

- 400 A max., MLO, 42 circuits
  - Branch circuit breakers: 150 A max.
  - Option: Sub-feed lugs
  - 225/250 A max. Main circuit breaker, max. 42 circuits
  - Branch circuit breakers: 150 A max.
  - Stacking rules:
    - Stacking configuration 1:
      Two (2–225/250 A max. Main circuit breaker, 42 circuit interiors (Options: None)
    - Stacking configuration 2:
      One (1)–225 A max. Main circuit breaker, 42 circuit interiors (Options: Feed-through lugs) and one (1)–225 A max. MLO, 42 circuit interiors (Options: None)

**NF/NF Powerlink G3 Stacked Combination (1/2 Height)**

SCCR 10–200 kA

208Y/120 Vac 3Ø4W, 480Y/277 Vac 3Ø4W or 600Y/347 Vac 3Ø4W, NF Powerlink G3 480Y/277 Vac 3Ø4W max.

- NF 400 A MLO, max. 42 circuits, top or bottom
  - Branch circuit breakers: 125 A max. at 480 V or 100 A max. at 600 V
  - Powerlink G3 branch circuit breakers: 20 A 3P or 30 A 2P max.
  - Option: Sub-feed lugs

- NF Powerlink G3 Master 400 A MLO, max. 36 circuits, 480Y/277 Vac 3Ø4W max.
  - Options: Same as NF panel

- NF Powerlink G3 Slave 400 A MLO, max. 42 circuits, 480Y/277 Vac 3Ø4W max.
  - Options: Same as NF panel

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**NQ Stacked—Right (top or bottom)**

SCCR 10–200 kA

208Y/120 Vac 3Ø4W or 120/240 Vac 1Ø3W

- 400 A max., MLO, 42 circuits
  - Branch circuit breakers: 150 A max.
  - Option: Sub-feed lugs
  - 225/250 A max. Main circuit breaker, max. 42 circuits
  - Branch circuit breakers: 150 A max.

**NF/NF Powerlink G3 Stacked (top or bottom)**

SCCR 10–200 kA

208Y/120 Vac 3Ø4W, 480Y/277 Vac 3Ø4W or 600Y/347 Vac 3Ø4W, NF Powerlink G3 480Y/277 Vac 3Ø4W max.

- NF 400 A MLO, max. 42 circuits, top or bottom
  - Branch circuit breakers: 125 A max. at 480 V or 100 A max. at 600 V
  - Powerlink G3 branch circuit breakers: 20 A 3P or 30 A 2P max.
  - Option: Sub-feed lugs

- NF Powerlink G3 Master 400 A MLO, max. 36 circuits, 480Y/277 Vac 3Ø4W max.
  - Options: Same as NF panel

- NF Powerlink G3 Slave 400 A MLO, max. 42 circuits, 480Y/277 Vac 3Ø4W max.
  - Options: Same as NF panel
Figure 24: 42 in. w x 91.5 in. x 24 in. d
Type 1 Enclosure

NQ Stacked—Left

SCCR 10–200 kA
208Y/120 Vac 3Ø4W or 120/240 Vac 1Ø3W
• 400 A max., MLO, 42 circuits
  — Branch circuit breakers: 150 A max.
    — Options: Sub-feed lugs
  • 225/250 A max. Main circuit breaker, max. 42 circuits
    — Branch circuit breakers: 150 A max.
    — Stacking rules:
      • Stacking configuration 1: 2–225/250 A max. Main circuit breaker, 42 circuit interiors (Options: None)
      • Stacking configuration 2: 1–225 A max. Main circuit breaker, 42 circuit interiors (Options: Feed-through lugs) and 1–225 A max. MLO, 42 circuit interiors (Options: None)

NF/NF Powerlink G3 Stacked

SCCR 10–200 kA
208Y/120 Vac 3Ø4W, 480Y/277 Vac 3Ø4W, or 600Y/347 Vac 3Ø4W, NF Powerlink G3 480Y/277 Vac 3Ø4W max.
• NF 400 A MLO, max. 42 circuits
  — Branch circuit breakers: 125 A max. at 480 V or 100 A max. at 600 V
  — Powerlink G3 branch circuit breakers: 20 A 3P or 30 A 2P max.
    — Option: Sub-feed lugs
• NF Powerlink G3 Master 400 A, MLO, max. 36 circuits, 480Y/277 Vac 3Ø4W max.
  — Options: Same as NF panel
• NF Powerlink G3 Slave 400 A MLO, max. 42 circuits, 480Y/277 Vac 3Ø4W max.
  — Options: Same as NF panel

Equipment Space—Right (1/2 Height)
Backplate size 17.75-in. w x 40.75-in. h
SCCR, see document no. 2010DB0201
• Contactor options:
  — 8903 Type LO, 20 A electrically held and LX mechanically held
  — 8903 Type S, 30–200 A electrically and mechanically held
• Contactor wiring options:
  — Unwired: Mounted in cell only
  — Line side wired: Line side wired to a branch circuit breaker(s)
  — Fully wired: Line side wired to a branch circuit breaker(s), load side wired to the terminal blocks

NQ Stacked Combination (1/2 Height)
SCCR 10–200 kA
208Y/120 Vac 3Ø4W or 120/240 Vac 1Ø3W
• 400 A max., MLO, 42 circuits
  — Branch circuit breakers: 150 A max.
  — Option: Sub-feed lugs
  • 250 A max., Main circuit breaker, 42 circuits
    — Branch circuit breakers: 150 A max.
    — Options: None

NF/NF Powerlink G3 Stacked Combination
SCCR 10–200 kA
208Y/120 Vac 3Ø4W, 480Y/277 Vac 3Ø4W, or 600Y/347 Vac 3Ø4W, NF Powerlink G3 480Y/277 Vac 3Ø4W max.
• NF 400 A MLO, max. 42 circuits
  — Branch circuit breakers: 125 A max. at 480 V or 110 A max. at 600 V
  — Powerlink G3 branch circuit breakers: 20 A 3P or 30 A 2P max.
    — Option: Sub-feed lugs
• NF Powerlink G3 Master 400 A, MLO, max. 36 circuits, 480Y/277 Vac 3Ø4W max.
  — Options: Same as NF panel
• NF Powerlink G3 Slave 400 A MLO, max. 42 circuits, 480Y/277 Vac 3Ø4W max.
  — Options: Same as NF panel

NOTE: 60 A–400 A NQ MLO or Main circuit breaker: An optional 200% rated neutral is available in combination with any of the options listed.

NOTE: 100 A–250 A NF MLO or Main circuit breaker: An optional 200% rated neutral is available in combination with any of the options listed.

300 A–400 A NF MLO or Main circuit breaker: An optional 200% neutral can not be combined with any other option in this configuration.

NOTE: For max. quantity of contactors see “Appendix” on page 79.
Minimum depths are shown. Options are available for 36” D, 48” D NEMA 1 or 35.5” D, 47.5” D or 59.5” D NEMA 3R.
Stacked Combination

Figure 25: 48 in. w x 91.5 in. x 24 in. d
Type 1 Enclosure

NQ Stacked—NF panel is not permitted

SCCR 10–200 kA

208Y/120 Vac 3Ø4W or 120/240 Vac 1Ø3W

• 225 A max., MLO, 42 circuits
  — Branch circuit breakers: 150 A max.
  — Option: Sub-feed lugs

• 225/250 A max. Main circuit breaker, max. 42 circuits
  — Branch circuit breakers: 150 A max.
  — Stacking rules:
    • Stacking configuration 1: 2–225/250 A max. Main circuit breaker, 42 circuit interiors (Options: None)
    • Stacking configuration 2: 1–225 A max. Main circuit breaker, 42 circuit interiors (Option: Feed-through lugs) and 1–225 A max. MLO, 42 circuit interiors (Options: None)

**NOTE:** 60–400 A NQ MLO or Main circuit breaker: An optional 200% rated neutral is available in combination with any of the options listed.

Alternate configuration available with three full height 84 circuit panels.

Equipment Space (1/2 Height) (any of the six locations)

Backplate size 13.75-in. w x 40.75-in. h

SCCR, see document no. 2010DB0201

• Contactor options:
  — 8903 Type LO, 20 A electrically held and LX mechanically held
  — 8903 Type S, 30–200 A electrically and mechanically held

• Contactor wiring options
  — Unwired: Mounted in cell only
  — Line side wired: Line side wired to a branch circuit breaker(s)
  — Fully wired: Line side wired to a branch circuit breaker(s) with load side wired to the terminal blocks

**NOTE:** For max. quantity of contactors see “Appendix” on page 79.

NOTE: Minimum depths are shown. Options are available for 36" D, 48" D NEMA 1 or 35.5" D, 47.5" D or 59.5" D NEMA 3R.
Stacked, Combo, Side-by-Side Panelboard

Figure 26: 48 in. w x 91.5 in. x 24 in. d
Type 1 Enclosure

HCP I-Line

SCCR 10–200 kA
600 Vac max., double-row mounting
- 800 A max. MLO with 27-in. max. circuit breaker mounting space
  - Feeder circuit breaker: 800 A max.
  - Options (choose one):
    - Sub-feed lugs
    - Surge Protective Device (SPD)
- 800 A max. Main circuit breaker (Backfed) with 27-in. max. circuit breaker mounting space without a Main circuit breaker
  - Feeder circuit breaker: 800 A max.
  - Options (choose one):
    - Sub-feed lugs
    - Surge Protective Device (SPD)

NOTE: 45-in. circuit breaker mounting space available when panels are NQ 225 A 42 circuit MLO.

NQ—Stacked

SCCR 10–200 kA
208Y/120 Vac 3Ø4W or 120/240 Vac 1Ø3W
- 225 A MLO, max. 42/54 circuits
  - Branch circuit breakers: 150 A max.
  - Option: Sub-feed lugs
- 225/250 A max. Main circuit breaker, max. 42 circuits
  - Branch circuit breakers: 150 A max.
  - Options: None

NOTE: 60–250 A NQ MLO or Main circuit breaker: An optional 200% rated neutral is available in combination with any of the options listed.

NOTE: Minimum depths are shown. Options are available for 36” D, 48” D NEMA 1 or 35.5” D, 47.5” D or 59.5” D NEMA 3R.

NOTE: 60–250 A NQ MLO or Main circuit breaker: An optional 200% rated neutral is available in combination with any of the options listed.
Stacked, Side-by-Side, Combo Panelboard

**HCP I-Line**

SCCR 10–200 kA

600 Vac max., double-row mounting

- 800 A MLO with 27-in. max., circuit breaker mounting space
  - Feeder circuit breaker: 800 A max.
  - Options (choose one):
    - Sub-feed lugs
    - Surge Protective Device (SPD)

- 800 A Main circuit breaker (Backfed), with 27-in. max., circuit breaker mounting space without a Main circuit breaker
  - Feeder circuit breaker: 800 A max.
  - Options (choose one):
    - Sub-feed lugs
    - Surge Protective Device (SPD)

**NOTE:** 45-in. circuit breaker mounting space available when panels are NQ 225 A 42 circuit MLO.

**NQ—Stacked**

SCCR 10–200 kA

208Y/120 Vac 3Ø4W or 120/240 Vac 1Ø3W

- 225 A MLO, max. 42 circuits
  - Branch circuit breakers: 150 A max.
  - Option: Sub-feed lugs

- 225/250 A max. Main circuit breaker, max. 42 circuits
  - Branch circuit breakers: 150 A max.
  - Options: None

60–250 A NQ MLO or Main circuit breaker: An optional 200% rated neutral is available in combination with any of the options listed.

**NOTE:** Minimum depths are shown. Options are available for 36" D, 48" D NEMA 1 or 35.5" D, 47.5" D or 59.5" D NEMA 3R.
NQ—Stacked—Left and Right

SCCR 10–200 kA
208Y/120 Vac 3Ø4W or 120/240 Vac 1Ø3W

- 400 A MLO, max. 42 circuits
  - Branch circuit breakers: 150 A max.
  - Option: Sub-feed lugs
- 225/250 A max. Main circuit breaker, max. 42 circuits
  - Branch circuit breakers: 150 A max.
  - Options: None

NF/NF Powerlink G3 Stacked

SCCR 10–200 kA
208Y/120 Vac 3Ø4W, 480Y/277 Vac 3Ø4W, or 600Y/347 Vac 3Ø4W, NF Powerlink G3 480Y/277 Vac 3Ø4W max.

- NF 400 A MLO, max. 42 circuits
  - Branch circuit breakers: 125 A max. at 480 V or 100 A max. at 600 V
  - Powerlink G3 branch circuit breakers: 20 A 3P or 30 A 2P max.
  - Options: Sub-feed lugs
- NF Powerlink G3 Master 400 A, MLO, max. 42 circuits 480Y/277 Vac 3Ø4W
  - Options: Same as NF panel
- NF Powerlink G3 Slave 400 A MLO, max. 42 circuits, 480Y/277 Vac 3Ø4W max.
  - Options: Same as NF panel

HCP I-Line—Stacked

SCCR 10–200 kA
600 Vac max., double-row mounting

- 800 A MLO with 27-in. max. circuit breaker mounting space
  - Feeder circuit breaker: 800 A max.
  - Options (choose one):
    - Sub-feed lugs
    - Surge Protective Device (SPD)
- 800 A Main circuit breaker (Backfed), with 27-in. max. circuit breaker mounting space without a Main circuit breaker
  - Feeder circuit breaker: 800 A max.
  - Options (choose one):
    - Sub-feed lugs
    - Surge Protective Device (SPD)

NOTE: 45-in. circuit breaker mounting space available when panels are NQ 225 A 42 circuit MLO.
HCP I-Line—Stacked

SCCR 10–200 kA

600 Vac max., double-row mounting
- 800 A MLO with 27-in. max. circuit breaker mounting space
  - Feeder circuit breaker: 800 A max.
  - Options (choose one):
    - Sub-feed lugs
    - Surge Protective Device (SPD)
- 800 A Main circuit breaker (Backfed) with 27-in. max. circuit breaker mounting space without a Main circuit breaker
  - Feeder circuit breaker: 800 A max.
  - Options (choose one):
    - Sub-feed lugs
    - Surge Protective Device (SPD)

NOTE: 45-in. circuit breaker mounting space available when panels are NQ

225 A 42 circuit MLO.

NQ—Stacked—Left and Right

SCCR 10–200 kA

208Y/120 Vac 3Ø4W or 120/240 Vac 1Ø3W
- 225 A MLO, max. 42/54 circuits
  - Branch circuit breakers: 150 A max.
  - Option: Sub-feed lugs
- 225/250 A max. Main circuit breaker, max. 42 circuits
  - Branch circuit breakers: 150 A max.
  - Options: None

NF/NF Powerlink G3 Stacked

SCCR 10–200 kA

208Y/120 Vac 3Ø4W or 480Y/277 Vac 3Ø4W or 600Y/347 Vac 3Ø4W NF Powerlink G3 480Y/277 Vac 3Ø4W max.
- NF 400 A MLO, max. 42 circuits
  - Branch circuit breakers: 125 A max. at 480 V or 100 A max. at 600 V
  - Powerlink G3 branch circuit breakers: 20 A 3P or 30 A 2P max.
  - Option: Sub-feed lugs
- NF Powerlink G3 Master 400 A, 36 circuits, 480Y/277 Vac 3Ø4W max.
  - Options: Same as NF panel
- NF Powerlink G3 Slave 400 A MLO, max. 42 circuits, 480Y/277 Vac 3Ø4W max.
  - Options: Same as NF panel

NOTE: Minimum depths are shown. Options are available for 36" D, 48" D NEMA 1 or 35.5" D, 47.5" D or 59.5" D NEMA 3R.

NOTE: 60–400 A NQ MLO or Main circuit breaker: An optional 200% rated neutral is available in combination with any of the options listed.

NOTE: 100–250 A NF MLO or Main circuit breaker: An optional 200% rated neutral is available in combination with any of the options listed.

300–400 A NF MLO or Main circuit breaker: An optional 200% neutral can not be combined with any other option in this configuration.
NQ—Stacked—Left and Right

SCCR 10–200 kA

208Y/120 Vac 3Ø4W or 120/240 Vac 1Ø3W

- 225 A MLO, max. 42/54 circuits
  - Branch circuit breakers: 150 A max.
  - Option: Sub-feed lugs
- 225/250 A max. Main circuit breaker, max. 42 circuits
  - Branch circuit breakers: 150 A max.
  - Options: None

60–250 A NQ MLO or Main circuit breaker: An optional 200% rated neutral is available in combination with any of the options listed.

HCM I-Line—Stacked

SCCR 10–200 kA

600 Vac max., double-row mounting

- 800 A MLO with 27-in. max. circuit breaker mounting space
  - Feeder circuit breaker: 250 A max.
  - Options (choose one):
    - Sub-feed lugs
    - Surge Protective Device (SPD)

HCM I-Line—Stacked

SCCR 10–200 kA

600 Vac max., double-row mounting

- 800 A MLO with 27-in. max. circuit breaker mounting space
  - Feeder circuit breaker: 250 A max.
  - Options (choose one):
    - Sub-feed lugs
    - Surge Protective Device (SPD)

NOTE: Minimum depths are shown. Options are available for 36" D, 48" D NEMA 1 or 35.5" D, 47.5" D or 59.5" D NEMA 3R.
NQ—Stacked—Left and Right

SCCR 10–200 kA
208Y/120 Vac 3Ø4W or 120/240 Vac 1Ø3W
• 225 A MLO, max. 42/54 circuits
  — Branch circuit breakers: 150 A max.
  — Option: Sub-feed lugs
• 225/250 A max. Main circuit breaker, max. 42 circuits
  — Branch circuit breakers: 150 A max.
  — Options: None

NOTE: 60–250 A NQ MLO or Main circuit breaker: An optional 200% rated neutral is available in combination with any of the options listed.

Side-by-Side Panelboard

Figure 32: 36 in. w x 91.5 in. x 24 in. d Type 1 Enclosure

NQ Side-by-Side—NF not permitted

SCCR 10–200 kA
208Y/120 Vac 3Ø4W or 120/240 Vac 1Ø3W
• 225 A MLO 42, 54, 72, 84 circuits max.
  — Branch circuit breakers: 150 A max.
  — Options (choose one):
    • Sub-feed circuit breaker (225 A max.)
    • Sub-feed lugs
    • Surge Protective Device (SPD)
• 250 A Vertical Main circuit breaker, 42, 54, 72, 84 circuits
  — Branch circuit breakers: 150 A max.
  — Options (choose one):
    • Sub-feed circuit breaker (225 A max.)
    • Sub-feed lugs
    • Surge Protective Device (SPD)

NOTE: Minimum depths are shown. Options are available for 36" D, 48" D NEMA 1 or 35.5" D, 47.5" D or 59.5" D NEMA 3R.

NOTE: 60–250 A NQ MLO or Main circuit breaker: An optional 200% rated neutral is available in combination with any of the options listed.
**NQ Side-by-Side**

SCCR 10–200 kA

208Y/120 Vac 3Ø4W or 120/240 Vac 1Ø3W

- 400 A max. MLO 42, 54, 72 circuits
  - Branch circuit breakers: 150 A max.
  - Options (choose one):
    - Sub-feed circuit breaker (225 A max.)
    - Sub-feed lugs
    - Surge Protective Device (SPD)

- 400 A max. MLO 84 circuits
  - Branch circuit breakers: 150 A max.
  - Option: Sub-feed lugs

- 600 A max. MLO 42, 54, 72 circuits
  - Branch circuit breakers: 150 A max.
  - Options (choose one):
    - Feed-through lugs
    - Sub-feed circuit breaker (225 A max.)
    - Surge Protective Device (SPD)

- 600 A max. MLO 84 circuits
  - Branch circuit breakers: 150 A max.
  - Option: Feed-through lugs

**NOTE:** Minimum depths are shown. Options are available for 36" D, 48" D NEMA 1 or 35.5" D, 47.5" D or 59.5" D NEMA 3R.

**NOTE:** 60–400 A NQ MLO or Main circuit breaker: An optional 200% rated neutral is available in combination with any of the options listed.
• 400 A max. vertical Main circuit breaker, 42 circuits
  — Branch circuit breakers: 150 A max.
  — Options (choose one):
    • Feed-through lugs
    • Sub-feed circuit breaker (225 A max.)
    • Surge Protective Device (SPD)
• 400 A max. vertical Main circuit breaker, 54 circuits
  — Branch circuit breakers: 150 A max.
  — Options (choose one):
    • Feed-through lugs
    • Surge Protective Device (SPD)
• 400 A max. vertical Main circuit breaker, 72, 84 circuits
  — Branch circuit breakers: 150 A max.
  — Option: Feed-through lugs
• 600 A max. vertical Main circuit breaker, 42 circuits
  — Branch circuit breakers: 150 A max.
  — Options (choose one):
    • Feed-through lugs
    • Surge Protective Device (SPD)
• 600 A max. vertical Main circuit breaker, 54, 72, 82 circuits
  — Branch circuit breakers: 150 A max.
  — Option: Feed-through lugs

NF Side-by-Side or NF Powerlink G3 Side-by-Side

SCCR 10–200 kA
208Y/120 Vac 3Ø4W, 480Y/277 Vac 3Ø4W, or 600Y/347 Vac 3Ø4W, NF Powerlink G3 480Y/277 Vac 3Ø4W max.
• 250 A MLO 42, 54, 66 circuits
  — Branch circuit breakers: 125 A max. at 480 V or 100 A max. at 600 V
  — Powerlink G3 branch circuit breakers: 20 A 3P or 30 A 2P max.
  — Options (choose one):
    • Sub-feed circuit breaker (250 A max.)
    • Sub-feed lugs
    • Surge Protective Device (SPD)
• 400 A MLO 42, 54 circuits
  — Branch circuit breakers: 125 A max. at 480 V or 100 A max. at 600 V
  — Powerlink G3 branch circuit breakers: 20 A 3P or 30 A 2P max.
  — Options (choose one):
    • Sub-feed circuit breaker (250 A max.)
    • Sub-feed lugs
    • Surge Protective Device (SPD)
• 400 A MLO 66 circuits
  — Branch circuit breakers: 125 A max. at 480 V or 100 A max. at 600 V
  — Powerlink G3 branch circuit breakers are not available in this circuit count
  — Option: Sub-feed lugs

• 400 A MLO 84 circuits
  — Branch circuit breakers: 125 A max. at 480 V or 100 A max. at 600 V
  — Powerlink G3 branch circuit breakers are not available in this circuit count
  — Options: None

• 600 A MLO 42 circuits
  — Branch circuit breakers: 125 A max. at 480 V or 100 A max. at 600 V
  — Powerlink G3 branch circuit breakers: 20 A 3P or 30 A 2P max.
  — Options (choose one):
    • Feed-through lugs
    • Sub-feed circuit breaker (250 A max.)
    • Surge Protective Device (SPD)

• 600 A MLO 54, 66, 84 circuits
  — Branch circuit breakers: 125 A max. at 480 V or 100 A max. at 600 V
  — Powerlink G3 branch circuit breakers are not available in this circuit count
  — Options: None

• 250 A max. Main circuit breaker, 42, 54 circuits
  — Branch circuit breakers: 125 A max. at 480 V or 100 A max. at 600 V
  — Powerlink G3 branch circuit breakers: 20 A 3P or 30 A 2P max.
  — Options (choose one):
    • Feed-through lugs
    • Sub-feed circuit breaker (250 A max.)
    • Powerlink G3 branch circuit breakers: 20 A 3P or 30 A 2P max.
    • Surge Protective Device (SPD)

• 250 A max. Main circuit breaker, 66 circuits
  — Branch circuit breakers: 125 A max. at 480 V or 100 A max. at 600 V
  — Powerlink G3 branch circuit breakers are not available in this circuit count
  — Option: Feed-through lugs

• 400 A max. Main circuit breaker, 42 circuits
  — Branch circuit breakers: 125 A max. at 480 V or 100 A max. at 600 V
  — Powerlink G3 branch circuit breakers: 20 A 3P or 30 A 2P max.
  — Options (choose one):
    • Feed-through lugs
    • Sub-feed circuit breaker (250 A max.)
    • Powerlink G3 branch circuit breakers: 20 A 3P or 30 A 2P max.
    • Surge Protective Device (SPD)

• 400 A max. Main circuit breaker, 54 circuits
  — Branch circuit breakers: 125 A max. at 480 V or 100 A max. at 600 V
  — Powerlink G3 branch circuit breakers: 20 A 3P or 30 A 2P max.
  — Option: Feed-through lugs

**NOTE:**

100–250 A NF MLO or Main circuit breaker: An optional 200% rated neutral is available in combination with any of the options listed.

300–400 A NF MLO or Main circuit breaker: An optional 200% neutral can not be combined with any other option in this configuration.
• 600 A max. Main circuit breaker, 42 circuits
  — Branch circuit breakers: 125 A max. at 480 V or 100 A max. at 600 V
  — Powerlink G3 branch circuit breakers: 20 A 3P or 30 A 2P max.
  — Options (choose one):
    • Feed-through lugs
    • Sub-feed circuit breaker
    • Surge Protective Device (SPD)

• 600 A max. Main circuit breaker, 54 circuits
  — Branch circuit breakers: 125 A max. at 480 V or 100 A max. at 600 V
  — Powerlink G3 branch circuit breakers: 20 A 3P or 30 A 2P max.
  — Options: None

• NF Powerlink G3 Master 600 A MLO, max. 42 circuits, 480Y/277 Vac 3Ø4W max.
  — Options: Same as NF panel
• NF Powerlink G3 Master 600 A Main circuit breaker, max. 42 circuits, 480Y/277 Vac 3Ø4W max.
  — Options: Same as NF panel
• NF Powerlink G3 Slave 600 A MLO, max. 42 circuits, 480Y/277 Vac 3Ø4W max.
  — Options: Same as NF panel
• NF Powerlink G3 Slave 600 A Main circuit breaker, max. 42 circuits, 480Y/277 Vac 3Ø4W max.
  — Options: Same as NF panel

NOTE: 100–250 A NF MLO or Main circuit breaker: An optional 200% rated neutral is available in combination with any of the options listed.

300–400 A NF MLO or Main circuit breaker: An optional 200% neutral can not be combined with any other option in this configuration.
NQ Stacked Combination

Figure 34: 36 in. w x 91.5 in. x 24 in. d
Type 1 Enclosure

**Equipment Space—Right/Left (1/2 Height)**

Backplate size 13.75-in. w x 40.75-in. h

SCCR, see document no. 2010DB0201

- Contactor options:
  - 8903 Type LO, 20 A electrically held and LX mechanically held
  - 8903 Type S, 30–200 A electrically and, mechanically held

- Contactor wiring options
  - Unwired: Mounted in cell only
  - Line side wired: Line side wired to a branch circuit breaker(s)
  - Fully wired: Line side wired to a branch circuit breaker(s), load side wired to the terminal blocks

**NOTE:** For max. quantity of contactors see “Appendix” on page 79.

**NQ Stacked Combination—Right/Left**

SCCR 10–200 kA

208Y/120 Vac 3Ø4W or 120/240 Vac 1Ø3W

- 225 A max. MLO, 42 circuits
  - Branch circuit breakers: 150 A max.
  - Option: Sub-feed lugs
- 225/250 A max. Main circuit breaker, 42 circuits
  - Branch circuit breakers: 150 A max.
  - Options: None

**NOTE:** 60–250 A NQ MLO or Main circuit breaker: An optional 200% rated neutral is available in combination with any of the options listed.

**NOTE:** Minimum depths are shown. Options are available for 36" D, 48" D NEMA 1 or 35.5" D, 47.5" D or 59.5" D NEMA 3R.
Equipment Space—Right/Left (1/2 Height)

Backplate size 17.75-in. w x 40.75-in. h

SCCR, see document no. 2010DB0201

- Contactor options:
  - 8903 Type LO, 20 A electrically held and LX mechanically held
  - 8903 Type S, 30–200 A electrically and mechanically held

- Contactor wiring options
  - Unwired: Mounted in cell only
  - Line side wired: Line side wired to a branch circuit breaker(s)
  - Fully wired: Line side wired to a branch circuit breaker(s), load side wired to the terminal blocks

NOTE: For max. quantity of contactors see “Appendix” on page 79.

NQ Stacked Combination Right/Left

SCCR 10–200 kA

208Y/120 Vac 3Ø4W or 120/240 Vac 1Ø3W

- 400 A max. MLO, 42 circuits
  - Branch circuit breakers: 150 A max.
  - Option: Sub-feed lugs

- 225/250 A Vertical Main circuit breaker, 42 circuits
  - Branch circuit breakers: 150 A max.
  - Options: None

NF Stacked Combination or NF Powerlink G3 Stacked Combination

SCCR 10–200 kA

208Y/120 Vac 3Ø4W, 480Y/277 Vac 3Ø4W, or 600Y/347 Vac 3Ø4W, NF Powerlink G3 480Y/277 Vac 3Ø4W max.

- NF 400 A MLO, max. 42 circuits, top or bottom
  - Branch circuit breakers: 125 A max. at 480 V or 100 A max. at 600 V
  - Powerlink G3 branch circuit breakers: 20 A 3P or 30 A 2P max.
  - Option: Sub-feed lugs

- NF Powerlink G3 Master 400 A MLO, max. 36 circuits, 480Y/277 Vac 3Ø4W max.
  - Options: Same as NF panel

- NF Powerlink G3 Slave 400 A MLO, max. 42 circuits, 480Y/277 Vac 3Ø4W max.
  - Options: Same as NF panel

NOTE: Minimum depths are shown. Options are available for 36” D, 48” D NEMA 1 or 35.5” D, 47.5” D or 59.5” D NEMA 3R.

NOTE: 60–400 A NQ MLO or Main circuit breaker: An optional 200% rated neutral is available in combination with any of the options listed.

NOTE: 100–250 A NF MLO or Main circuit breaker: An optional 200% rated neutral is available in combination with any of the options listed.

300–400 A NF MLO or Main circuit breaker: An optional 200% neutral can not be combined with any other option in this configuration.
IPC2: Transformer Combo

The Transformer Combo integrates panelboards, individually mounted circuit breakers or lighting contactors with a dry type transformer into one factory-assembled and pre-wired solution.

All configurations have factory-installed Type THHN copper cable.

Transformer Combo Section

Figure 36: 24 in. w x 91.5 in. x 24 in. d
Type 1 Enclosure
Top cell: NF Panelboard, NQ Panelboard
Bottom cell: Transformer

NOTE: 100–250 A NF MLO or Main circuit breaker: An optional 200% rated neutral is available in combination with any of the options listed.

300–400 A NF MLO or Main circuit breaker: An optional 200% neutral can not be combined with any other option in this configuration.

NOTE: 60–400 A NQ MLO or Main circuit breaker: An optional 200% rated neutral is available in combination with any of the options listed.

Minimum depths are shown. Options are available for 36" D, 48" D NEMA 1 or 35.5" D, 47.5" D or 59.5" D NEMA 3R.

NF Panelboard Interiors or NF Powerlink Panelboard

SSCR 10–200 kA
600Y/347 Vac 3Ø4W, NF Powerlink G3 480Y/277 Vac 3Ø4W max., 480Y/277 Vac 3Ø4W, 208Y/120 Vac 3Ø4W, or 120/240 Vac 1Ø3W

• 200–400 A MLO 30 circuits
  — Branch circuit breakers: 125 A max. at 480 V or 100 A max. at 600 V
  — Powerlink G3 branch circuit breakers: 20 A 3P or 30 A 2P max.
  — Option: Sub-feed circuit breaker (250 A max., not available with Powerlink)

• 60–400 A MLO 42 circuits
  — Branch circuit breakers: 125 A max. at 480 V or 100 A max. at 600 V
  — Powerlink G3 branch circuit breakers: 20 A 3P or 30 A 2P max.
  — Options: None

• 60–250 A Main circuit breaker 42 circuits
  — Branch circuit breakers: 125 A max. or 100 A max. at 600 V
  — Powerlink G3 branch circuit breakers: 20 A 3P or 30 A 2P max.
  — Options: None

• 300–400 A Main circuit breaker 30 circuits
  — Branch circuit breakers: 125 A max. at 480 V or 100 A max. at 600 V
  — Powerlink G3 branch circuit breakers: 20 A 3P or 30 A 2P max.
  — Options: None (not available with Powerlink)

Or

NQ Panelboard Interior

SSCR 10–200 kA
208Y/120 Vac 3Ø4W or 120/240 Vac 1Ø3W

• 60–400 A MLO 84 circuits
  — Branch circuit breakers: 150 A max.
  — Options (choose up to two):
    • Feed-through lugs
    • Surge Protective Device (SPD)

• 60–400 A Main circuit breaker, 42 circuits
  — Branch circuit breakers: 150 A max.
  — Option: Feed-through lugs
Transformer

Three Phase 480 Vac or 600 Vac primary, 208Y/120 Vac secondary:
- 15, 30, or 45 kVA, 3Ø, EE, 150 degree C Rise
- 15 or 30 kVA, 3Ø, EE, 80 and 115 degree C Rise
- 15 or 30 kVA, 3Ø, EE, 150 degree C rise rated K4/K13
- 15 kVA, 3Ø, EE, 80 and 115 degree C rise rated K4/K13

Single Phase 480 Vac or 600 Vac primary, 120/240 Vac secondary:
- 15, 25, 37.7, or 50 kVA, 1Ø, EE, 150 degree C Rise
- 15, 25, or 37.7 kVA, 1Ø, EE, 80 and 115 degree C Rise

NOTE: Single circuit breaker 250 Amp max. can be installed in transformer compartment as primary or secondary disconnect.

NOTE: Standard transformer voltages listed, additional options available. Contact your Schneider Electric representative for details.

Equipment Space Options

- 3rd party equipment
- Contactors options:
  - 20 A to 200 A
  - Electrically held or mechanically held
- Contactor wiring options:
  - Unwired: Mounted in cell only
  - Load side wired: Line side wired to a branch circuit breaker(s)
  - Fully wired: Line side wired to a branch circuit breaker(s), load side wired to the terminal blocks

Transformer

Three Phase 480 Vac or 600 Vac primary, 208Y/120 Vac secondary:
- 15, 30 or 45 kVA 3Ø kVA, EE, 150 degree C Rise
- 15 or 30 kVA 3Ø EE, 80 and 115 degree C Rise
- 15 or 30 kVA 3Ø EE, 150 degree C rise rated K4/K13
- 15 kVA 3Ø EE 80 and 115 degree C rise rated K4/K13

Single Phase 480 Vac or 600 Vac primary, 120/240 Vac secondary:
- 15, 25, 37.5 or 50 kVA 1Ø, EE, 150 degree C Rise
- 15, 25, or 37.7 kVA 1Ø EE, 80 and 115 degree C Rise

NOTE: Single circuit breaker 250 Amp max. can be installed in transformer compartment as primary or secondary disconnect.

NOTE: Standard transformer voltages listed, additional options available. Contact your Schneider Electric representative for details.
Individually-Mounted Circuit Breakers

SCCR 10–100 kA
15–800 A circuit breaker trip rating; 600 Vac max.

Circuit breaker options:
- 120 Vac shunt trip
- Handle padlock attachment

Transformer

Three Phase 480 Vac or 600 Vac primary, 208Y/120 Vac secondary:
- 15, 30 or 45 kVA 3Ø kVA, EE, 150 degree C Rise
- 15 or 30 kVA 3Ø EE, 80 and 115 degree C Rise
- 15 or 30 kVA 3Ø EE, 150 degree C rise rated K4/K13
- 15 kVA 3Ø EE 80 and 115 degree C rise rated K4/K13

Single Phase 480 Vac or 600 Vac primary, 120/240 Vac secondary:
- 15, 25, 37.5 or 50 kVA 1Ø EE, 150 degree C Rise
- 15, 25 or 37.7 kVA 1Ø EE, 80 and 115 degree C Rise

NOTE: Single circuit breaker 250 Amp max. can be installed in transformer compartment as primary or secondary disconnect.

NOTE: additional options available. Contact your Schneider Electric representative for details.
Individually-Mounted Circuit Breaker

SCCR 10–100 kA
15–800 A circuit breaker trip rating; 600 Vac max.
- Circuit breaker options:
  - 120 Vac shunt trip
  - Handle padlock attachment

Equipment Space

- With removable back pan for third party equipment, or with contactors
- Contactor options:
  - 8903 Type LO, 20 A electrically held and LX mechanically held
  - 8903 Type S, 30–200 A electrically and mechanically held
- Contactor wiring options:
  - Unwired: Mounted in cell only
  - Load side wired: Line side wired to a branch circuit breaker(s)
  - Fully wired: Line side wired to a branch circuit breaker(s), load side wired to the terminal blocks

Transformer

Three Phase 480 Vac or 600 Vac primary, 208Y/120 Vac secondary:
- 15, 30, 45, 75, 112.5 kVA, 24 in. depth min., 3Ø EE 150 degree C Rise
- 150, 225 kVA, 36 in. depth min., 3Ø EE 150 degree C Rise
- 15, 30, 45, 75 kVA, 24 in. depth min., 3Ø EE 80 and 115 degree C Rise
- 112, 150 kVA, 36 in. depth min., 3Ø EE 80 and 115 degree C Rise
- 15, 30, 45, 75 kVA, 24 in. depth min., 3Ø EE 150 degree C Rise, K4/K13
- 112, 150 kVA, 36 in. depth min., 3Ø EE 150 degree C Rise, K4/K13
- 15, 30, 45 kVA, 24 in. depth min., 3Ø EE 80 and 115 degree C Rise, K4/K13
- 75, 112 kVA, 36 in. depth min., 3Ø EE 80 and 115 degree C Rise, K4/K13

Single Phase 480 Vac or 600 Vac primary, 120/240 Vac secondary:
- 15, 25, 37.5, 50, 75 kVA, EE, 150 degree C Rise
- 15, 25, 37.5, 50 kVA, 24 in. depth min., EE, 80 and 115 degree C Rise
- 75 kVA, 36 in. depth min., EE, 80 and 115 degree C Rise

NOTE: Single circuit breaker 250 Amp max. can be installed in transformer compartment as primary or secondary disconnect.

NOTE: Standard transformer voltages listed, additional options available. Contact your Schneider Electric representative for details.
Figure 40: 42 in. w x 91.5 in. x 24 in. d
Type 1 Enclosure
Top Left: NF, NF Powerlink, NQ
Top Right: NF, NF Powerlink, NQ
Bottom: Transformer

NF Panelboard Interior or NF Powerlink Panelboard

SCCR 10–100 kA
600Y/347 Vac 3Ø4W, 480Y/277 Vac 3Ø4W, 208Y/120 Vac 3Ø4W, or 120/240 Vac 1Ø3W

- 60–250 A MLO 42 circuits
  - Branch circuit breakers: 125 A max. at 480 V or 100 A max. at 600 V
  - Powerlink G3 branch circuit breakers: 20 A 3P or 30 A 2P max.
  - Options: None

- 300–400 A MLO 54 circuits
  - Branch circuit breakers: 125 A max. at 480 V or 100 A max. at 600 V
  - Powerlink G3 branch circuit breakers: 20 A 3P or 30 A 2P max.
  - Options: Feed-through lugs

- 300–400 A MLO 30 circuits
  - Branch circuit breakers: 125 A max. at 480 V or 100 A max. at 600 V
  - Powerlink G3 branch circuit breakers: 20 A 3P or 30 A 2P max.
  - Option: Sub-feed circuit breaker (250 A max., not available with Powerlink)

- 60–250 A Main circuit breaker 42 circuits
  - Branch circuit breakers: 125 A max. at 480 V or 100 A max. at 600 V
  - Powerlink G3 branch circuit breakers: 20 A 3P or 30 A 2P max.
  - Options: None

- 300–400 A Main circuit breaker 30 circuits
  - Branch circuit breakers: 125 A max. at 480 V or 100 A max. at 600 V
  - Powerlink G3 branch circuit breakers: 20 A 3P or 30 A 2P max.
  - Options: None (not available with Powerlink)

**NOTE:** Minimum depths are shown. Options are available for 36" D, 48" D NEMA 1 or 35.5" D, 47.5" D or 59.5" D NEMA 3R.

**NOTE:** 100–250 A NF MLO or Main circuit breaker: An optional 200% rated neutral is available in combination with any of the options listed.

300–400 A NF MLO or Main circuit breaker: An optional 200% neutral can not be combined with any other option in this configuration.
NQ Panelboard Interior

SCCR 10–100 kA
208Y/120 Vac 3Ø4W or 120/240 Vac 1Ø3W

- 60–225 A MLO 42 circuits
  - Branch circuit breakers: 150 A max.
  - Options (choose one):
    - Sub-feed lugs
    - Surge Protective Device (SPD)

- 60–400 A MLO 84 circuits
  - Branch circuit breakers: 150 A max.
  - Options (choose up to two):
    - Feed-through lugs
    - Surge Protective Device (SPD)

- 450–600 A MLO 42 circuits
  - Branch circuit breakers: 150 A max.
  - Options: None

  **NOTE:** If a 600 A interior is selected for one of the top two cells, no interior is permitted in the other top cell.

- 60–400 A Main circuit breaker, 42 circuits
  - Branch circuit breakers: 150 A max.
  - Option: Feed-through lugs

Transformer

Three Phase 480 Vac or 600 Vac primary, 208Y/120 Vac secondary:

- 15, 30, 45, 75, 112.5 kVA, 24 in. depth min., 3Ø EE 150 degree C Rise
- 150, 225 kVA, 36 in. depth min., 3Ø EE 150 degree C Rise
- 15, 30, 45, 75 kVA, 24 in. depth min., 3Ø EE 80 and 115 degree C Rise
- 112, 150 kVA, 36 in. depth min., 3Ø EE 80 and 115 degree C Rise
- 15, 30, 45, 75 kVA, 24 in. depth min., 3Ø EE 150 degree C Rise, K4/K13
- 112, 150 kVA, 36 in. depth min., 3Ø EE 150 degree C Rise, K4/K13
- 15, 30, 45 kVA, 24 in. depth min., 3Ø EE 80 and 115 degree C Rise, K4/K13
- 75, 112 kVA, 36 in. depth min., 3Ø EE 80 and 115 degree C Rise, K4/K13

Single Phase 480 Vac or 600 Vac primary, 120/240 Vac secondary:

- 15, 25, 37.5, 50, 75 kVA, EE, 150 degree C Rise
- 15, 25, 37.5, 50 kVA, 24 in. depth min., EE, 80 and 115 degree C Rise
- 75 kVA, 36 in. depth min., EE, 80 and 115 degree C Rise

  **NOTE:** Single circuit breaker 250 Amp max. can be installed in transformer compartment as primary or secondary disconnect.

  **NOTE:** Standard transformer voltages listed, additional options available. Contact your Schneider Electric representative for details.
Individually-Mounted Circuit Breaker

SCCR 10–100 kA
15–800 A circuit breaker trip rating; 600 Vac max.

- Circuit breaker options:
  - 120 Vac shunt trip
  - Handle padlock attachment

NF Panelboard Interior or NF Powerlink Panelboard

SCCR 10–100 kA
600Y/347 Vac 3Ø4W, NF Powerlink G3 480Y/277 Vac 3Ø4W max., 480Y/277 Vac 3Ø4W, 208Y/120 Vac 3Ø4W, or 120/240 Vac 1Ø3W

- 60–250 A MLO 42 circuits
  - Branch circuit breakers: 125 A max. at 480 V or 100 A max. at 600 V
  - Powerlink G3 branch circuit breakers: 20 A 3P or 30 A 2P max.
  - Options: None

- 300–400 A MLO 42 circuits
  - Branch circuit breakers: 125 A max. at 480 V or 100 A max. at 600 V
  - Powerlink G3 branch circuit breakers: 20 A 3P or 30 A 2P max.
  - Options: None

- 300–400 A MLO 30 circuits
  - Branch circuit breakers: 125 A max. at 480 V or 100 A max. at 600 V
  - Powerlink G3 branch circuit breakers: 20 A 3P or 30 A 2P max.
  - Option: Sub-feed circuit breakers (250 A max., not available with Powerlink)

- 60–250 A Main circuit breaker 42 circuits
  - Branch circuit breakers: 125 A max. at 480 V or 100 A max. at 600 V
  - Powerlink G3 branch circuit breakers: 20 A 3P or 30 A 2P max.
  - Options: None

- 300–400 A Main circuit breaker 30 circuits
  - Branch circuit breakers: 125 A max. at 480 V or 100 A max. at 600 V
  - Powerlink G3 branch circuit breakers: 20 A 3P or 30 A 2P max.
  - Options: None (not available with Powerlink)

NQ Panelboard Interior

SCCR 10–100 kA
208Y/120 Vac 3Ø4W or 120/240 Vac 1Ø3W

- 60–225 A MLO 42 circuits
  - Branch circuit breakers: 150 A max.
  - Options (choose one):
    - Sub-feed lugs
    - Surge Protective Device ( SPD)
• 60–400 A MLO 84 circuits
  — Branch circuit breakers: 150 A max.
  — Options (choose one):
    • Sub-feed lugs
    • Surge Protective Device (SPD)
• 450–600 A MLO 42 circuits
  — Branch circuit breakers: 150 A max.
  — Options: None
  NOTE: If a 600 A interior is selected for one of the top two cells, no interior is permitted in the other top cell.
• 60–225 A Main circuit breaker, 42 circuits
  — Branch circuit breakers: 150 A max.
  — Option: Feed-through lugs
• 250–400 A Main circuit breaker, 42 circuits
  — Branch circuit breakers: 150 A max.
  — Options: Feed-through lugs

Transformer

Three Phase 480 Vac or 600 Vac primary, 208Y/120 Vac secondary:
• 15, 30, 45, 75, 112.5 kVA, 24 in. depth min., 3Ø EE 150 degree C Rise
• 150, 225 kVA, 36 in. depth min., 3Ø EE 150 degree C Rise
• 15, 30, 45, 75 kVA, 24 in. depth min., 3Ø EE 80 and 115 degree C Rise
• 112, 150 kVA, 36 in. depth min., 3Ø EE 80 and 115 degree C Rise
• 15, 30, 45, 75 kVA, 24 in. depth min., 3Ø EE 150 degree C Rise, K4/K13
• 112, 150 kVA, 36 in. depth min., 3Ø EE 150 degree C Rise, K4/K13
• 15, 30, 45 kVA, 24 in. depth min., 3Ø EE 80 and 115 degree C Rise, K4/K13
• 75, 112 kVA, 36 in. depth min., 3Ø EE 80 and 115 degree C Rise, K4/K13

Single Phase 480 Vac or 600 Vac primary, 120/240 Vac secondary:
• 15, 25, 37.5, 50, 75 kVA, EE, 150 degree C Rise
• 15, 25, 37.5, 50 kVA, 24 in. depth min., EE, 80 and 115 degree C Rise
• 75 kVA, 36 in. depth min., EE, 80 and 115 degree C Rise

NOTE: Single circuit breaker 250 Amp max. can be installed in transformer compartment as primary or secondary disconnect.

NOTE: Standard transformer voltages listed, additional options available. Contact your Schneider Electric representative for details.
NF Panelboard Interior or NF Powerlink Panelboard

SCCR 10–100 kA
600Y/347 Vac 3Ø4W, 480Y/277 Vac 3Ø4W, 208Y/120 Vac 3Ø4W, or 120/240 Vac 1Ø3W

- 60–250 A MLO 42 circuits
  - Branch circuit breakers: 125 A max. at 480 V or 100 A max. at 600 V
  - Powerlink G3 branch circuit breakers: 20 A 3P or 30 A 2P max.
  - Options: None

- 300–400 A MLO 42 circuits
  - Branch circuit breakers: 125 A max. at 480 V or 100 A max. at 600 V
  - Powerlink G3 branch circuit breakers: 20 A 3P or 30 A 2P max.
  - Options: None

- 60–250 A MLO 30 circuits
  - Branch circuit breakers: 125 A max. at 480 V or 100 A max. at 600 V
  - Powerlink G3 branch circuit breakers: 20 A 3P or 30 A 2P max.
  - Option: Sub-feed circuit breakers (250 A max., not available with Powerlink)

- 300–400 A Main circuit breaker 42 circuits
  - Branch circuit breakers: 125 A max. at 480 V or 100 A max. at 600 V
  - Powerlink G3 branch circuit breakers: 20 A 3P or 30 A 2P max.
  - Options: None

- 300–400 A Main circuit breaker 30 circuits
  - Branch circuit breakers: 125 A max. at 480 V or 100 A max. at 600 V
  - Powerlink G3 branch circuit breakers: 20 A 3P or 30 A 2P max.
  - Options: None (not available with Powerlink)

NQ Panelboard Interior

SCCR 10–100 kA
208Y/120 Vac 3Ø4W or 120/240 Vac 1Ø3W

- 60–225 A MLO 42 circuits
  - Branch circuit breakers: 150 A max.
  - Options (choose one):
    - Sub-feed lugs
    - Surge Protective Device (SPD)

- 60–400 A MLO 84 circuits
  - Branch circuit breakers: 150 A max.
  - Options (choose one):
    - Sub-feed lugs
    - Surge Protective Device (SPD)
• 225/250 A Vertical Main circuit breaker, 42 circuits
  — Branch circuit breakers: 150 A max.
  — Options: None

• 450–600 A MLO 42 circuits
  — Branch circuit breakers: 150 A max.
  — Options: None
  
  **NOTE:** If a 600 A interior is selected for one of the top two cells, no interior is permitted in the other top cell.

• 60–225 A Main circuit breaker, 42 circuits
  — Branch circuit breakers: 150 A max.
  — Option: Feed-through lugs

• 250–400 A Main circuit breaker, 42 circuits
  — Branch circuit breakers: 150 A max.
  — Options: Feed-through lugs

**Equipment Space**

With removable back pan for third party equipment or with contactors

• Contactor options:
  — 8903 Type LO, 20 A electrically held and LX mechanically held
  — 8903 Type S, 30–200 A electrically and mechanically held

• Contactor wiring options:
  — Unwired: Mounted in cell only
  — Load side wired: Line side wired to a branch circuit breaker(s)
  — Fully wired: Line side wired to a branch circuit breaker(s), load side wired to the terminal blocks

**Transformer**

Three Phase 480 Vac or 600 Vac primary, 208Y/120 Vac secondary:

• 15, 30, 45, 75, 112.5 kVA, 24 in. depth min., 3Ø EE 150 degree C Rise
• 150, 225 kVA, 36 in. depth min., 3Ø EE 150 degree C Rise
• 15, 30, 45, 75 kVA, 24 in. depth min., 3Ø EE 80 and 115 degree C Rise
• 112, 150 kVA, 36 in. depth min., 3Ø EE 80 and 115 degree C Rise
• 15, 30, 45, 75 kVA, 24 in. depth min., 3Ø EE 150 degree C Rise, K4/K13
• 112, 150 kVA, 36 in. depth min., 3Ø EE 150 degree C Rise, K4/K13
• 15, 30, 45 kVA, 24 in. depth min., 3Ø EE 80 and 115 degree C Rise, K4/K13
• 75, 112 kVA, 36 in. depth min., 3Ø EE 80 and 115 degree C Rise, K4/K13

Single Phase 480 Vac or 600 Vac primary, 120/240 Vac secondary:

• 15, 25, 37.5, 50, 75 kVA, EE, 150 degree C Rise
• 15, 25, 37.5, 50 kVA, 24 in. depth min., EE, 80 and 115 degree C Rise
• 75 kVA, 36 in. depth min., EE, 80 and 115 degree C Rise

**NOTE:** Single circuit breaker 250 Amp max. can be installed in transformer compartment as primary or secondary disconnect.

**NOTE:** Standard transformer voltages listed, additional options available. Contact your Schneider Electric representative for details.
Equipment Space

With removable back pan for third party equipment or with contactors

- Contactor options:
  - 8903 Type LO, 20 A electrically held and LX mechanically held
  - 8903 Type S, 30–200 A electrically and mechanically held

- Contactor wiring options:
  - Unwired: Mounted in cell only
  - Load side wired: Line side wired to a branch circuit breaker(s)
  - Fully wired: Line side wired to a branch circuit breaker(s), load side wired to the terminal blocks

Transformer

Three Phase 480 Vac or 600 Vac primary, 208Y/120 Vac secondary:

- 15, 30, 45, 75, 112.5 kVA, 24 in. depth min., 3Ø EE 150 degree C Rise
- 150, 225 kVA, 36 in. depth min., 3Ø EE 150 degree C Rise
- 15, 30, 45, 75 kVA, 24 in. depth min., 3Ø EE 80 and 115 degree C Rise
- 112, 150 kVA, 36 in. depth min., 3Ø EE 80 and 115 degree C Rise
- 15, 30, 45, 75 kVA, 24 in. depth min., 3Ø EE 150 degree C Rise, K4/K13
- 112, 150 kVA, 36 in. depth min., 3Ø EE 150 degree C Rise, K4/K13
- 15, 30, 45 kVA, 24 in. depth min., 3Ø EE 80 and 115 degree C Rise, K4/K13
- 75, 112 kVA, 36 in. depth min., 3Ø EE 80 and 115 degree C Rise, K4/K13

Single Phase 480 Vac or 600 Vac primary, 120/240 Vac secondary:

- 15, 25, 37.5, 50, 75 kVA, EE, 150 degree C Rise
- 15, 25, 37.5, 50 kVA, 24 in. depth min., EE, 80 and 115 degree C Rise
- 75 kVA, 36 in. depth min., EE, 80 and 115 degree C Rise

NOTE: Single circuit breaker 250 Amp max. can be installed in transformer compartment as primary or secondary disconnect.

NOTE: Standard transformer voltages listed, additional options available. Contact your Schneider Electric representative for details.
Equipment Space

With removable back pan for customer-installed devices or with contactors

- **Contactor options:**
  - 8903 Type LO, 20 A electrically held and LX mechanically held
  - 8903 Type S, 30–200 A electrically and mechanically held

- **Contactor wiring options:**
  - Unwired: Mounted in cell only
  - Load side wired: Line side wired to a branch circuit breaker(s)
  - Fully wired: Line side wired to a branch circuit breaker(s), load side wired to the terminal blocks

NF Panelboard Interior or NF Powerlink Panelboard

SCCR 10–100 kA

- 600Y/347 Vac 3Ø4W, NF Powerlink G3 480Y/277 Vac 3Ø4W max., 480Y/277 Vac 3Ø4W, 208Y/120 Vac 3Ø4W, or 120/240 Vac 1Ø3W
  - 60–250 A MLO 42 circuits
    - Branch circuit breakers: 125 A max. at 480 V or 100 A max. at 600 V
    - Powerlink G3 branch circuit breakers: 20 A 3P or 30 A 2P max.
    - Options: None
  - 300–400 A MLO 42 circuits
    - Branch circuit breakers: 125 A max. at 480 V or 100 A max. at 600 V
    - Powerlink G3 branch circuit breakers: 20 A 3P or 30 A 2P max.
    - Options: None

- 300–400 A MLO 30 circuits
  - Branch circuit breakers: 125 A max. at 480 V or 100 A max. at 600 V
  - Powerlink G3 branch circuit breakers: 20 A 3P or 30 A 2P max.
  - Option: Sub-feed circuit breaker (250 A max., not available with Powerlink)

- 60–250 A Main circuit breaker 42 circuits
  - Branch circuit breakers: 125 A max. at 480 V or 100 A max. at 600 V
  - Powerlink G3 branch circuit breakers: 20 A 3P or 30 A 2P max.
  - Options: None

- 300–400 A Main circuit breaker 30 circuits
  - Branch circuit breakers: 125 A max. at 480 V or 100 A max. at 600 V
  - Powerlink G3 branch circuit breakers: 20 A 3P or 30 A 2P max.
  - Options: None (not available with Powerlink)

**NOTE:** Minimum depths are shown. Options are available for 36" D, 48" D NEMA 1 or 35.5" D, 47.5" D or 59.5" D NEMA 3R.

**NOTE:** 100–250 A NF MLO or Main circuit breaker: An optional 200% rated neutral is available in combination with any of the options listed.

300–400 A NF MLO or Main circuit breaker: An optional 200% neutral can not be combined with any other option in this configuration.
Figure 44 (cont.)

NQ Panelboard Interior

SCCR 10–100 kA
208Y/120 Vac 3Ø4W or 120/240 Vac 1Ø3W
- 60–225 A MLO 84 circuits
  - Branch circuit breakers: 150 A max.
  - Options (choose one):
    • Sub-feed lugs
    • Surge Protective Device (SPD)
- 60–400 A MLO 42 circuits
  - Branch circuit breakers: 150 A max.
  - Options (choose one):
    • Sub-feed lugs
    • Surge Protective Device (SPD)
- 450–600 A MLO 42 circuits
  - Branch circuit breakers: 150 A max.
  - Options: None

NOTE: If a 600 A interior is selected for one of the top two cells, no interior is permitted in the other top cell.

60–225 A MLO or Main circuit breaker: An optional 200% rated neutral is available in combination with any of the options listed.

NOTE: Single circuit breaker 250 Amp max. can be installed in transformer compartment as primary or secondary disconnect.

NOTE: Standard transformer voltages listed, additional options available. Contact your Schneider Electric representative for details.

Transformer

Three Phase 480 Vac or 600 Vac primary, 208Y/120 Vac secondary:
- 15, 30, 45, 75, 112.5 kVA, 24 in. depth min., 3Ø EE 150 degree C Rise
- 150, 225 kVA, 36 in. depth min., 3Ø EE 150 degree C Rise
- 15, 30, 45, 75 kVA, 24 in. depth min., 3Ø EE 80 and 115 degree C Rise
- 112, 150 kVA, 36 in. depth min., 3Ø EE 80 and 115 degree C Rise
- 15, 30, 45, 75 kVA, 24 in. depth min., 3Ø EE 150 degree C Rise, K4/K13
- 112, 150 kVA, 36 in. depth min., 3Ø EE 150 degree C Rise, K4/K13
- 15, 30, 45 kVA, 24 in. depth min., 3Ø EE 80 and 115 degree C Rise, K4/K13
- 75, 112 kVA, 36 in. depth min., 3Ø EE 80 and 115 degree C Rise, K4/K13

Single Phase 480 Vac or 600 Vac primary, 120/240 Vac secondary:
- 15, 25, 37.5, 50, 75 kVA, EE, 150 degree C Rise
- 15, 25, 37.5, 50 kVA, 24 in. depth min., EE, 80 and 115 degree C Rise
- 75 kVA, 36 in. depth min., EE, 80 and 115 degree C Rise
I-Line Panelboard Interior

SCCR 10–100 kA

600 Vac max.

- 225–800 A MLO with 45-in. mounting space
  - Max. branch circuit breaker 800 A
- 225–800 A Main circuit breaker with 45-in. mounting space without Main circuit breaker kit
  - Max. branch circuit breaker 800 A

Transformer

Three Phase 480 Vac or 600 Vac primary, 208Y/120 Vac secondary:

- 15, 30, 45, 75, 112.5 kVA, 24 in. depth min., 3Ø EE 150 degree C Rise
- 150, 225 kVA, 36 in. depth min., 3Ø EE 150 degree C Rise
- 15, 30, 45, 75 kVA, 24 in. depth min., 3Ø EE 80 and 115 degree C Rise
- 112, 150 kVA, 36 in. depth min., 3Ø EE 80 and 115 degree C Rise
- 15, 30, 45, 75 kVA, 24 in. depth min., 3Ø EE 150 degree C Rise, K4/K13
- 112, 150 kVA, 36 in. depth min., 3Ø EE 150 degree C Rise, K4/K13
- 15, 30, 45 kVA, 24 in. depth min., 3Ø EE 80 and 115 degree C Rise, K4/K13
- 75, 112 kVA, 36 in. depth min., 3Ø EE 80 and 115 degree C Rise, K4/K13

Single Phase 480 Vac or 600 Vac primary, 120/240 Vac secondary:

- 15, 25, 37.5, 50, 75 kVA, EE, 150 degree C Rise
- 15, 25, 37.5, 50 kVA, 24 in. depth min., EE, 80 and 115 degree C Rise
- 75 kVA, 36 in. depth min., EE, 80 and 115 degree C Rise

NOTE: Single circuit breaker 250 Amp max. can be installed in transformer compartment as primary or secondary disconnect.

NOTE: Standard transformer voltages listed, additional options available. Contact your Schneider Electric representative for details.
Individually-Mounted Circuit Breaker

SCCR 10–100 kA
15–800 A circuit breaker trip rating; 600 Vac max.

- Circuit breaker options:
  - 120 Vac shunt trip
  - Handle padlock attachment

NF Panelboard Interior or NF Powerlink Panelboard

SCCR 10–100 kA
600Y/347 Vac 3Ø4W, NF Powerlink G3 480Y/277 Vac 3Ø4W max.,
480Y/277 Vac 3Ø4W, 208Y/120 Vac 3Ø4W, or 120/240 Vac 1Ø3W

- 60–250 A MLO 42 circuits
  - Branch circuit breakers: 125 A max. at 480 V or 100 A max. at 600 V
  - Powerlink G3 branch circuit breakers: 20 A 3P or 30 A 2P max.
  - Options: None

- 300–400 A MLO 42 circuits
  - Branch circuit breakers: 125 A max. at 480 V or 100 A max. at 600 V
  - Powerlink G3 branch circuit breakers: 20 A 3P or 30 A 2P max.
  - Options: None

- 300–400 A MLO 30 circuits
  - Branch circuit breakers: 125 A max. at 480 V or 100 A max. at 600 V
  - Powerlink G3 branch circuit breakers: 20 A 3P or 30 A 2P max.
  - Option: Sub-feed circuit breaker (250 A max., not available with Powerlink)

- 60–250 A Main circuit breaker 42 circuits
  - Branch circuit breakers: 125 A max. at 480 V or 100 A max. at 600 V
  - Powerlink G3 branch circuit breakers: 20 A 3P or 30 A 2P max.
  - Options: None

- 300–400 A Main circuit breaker 30 circuits
  - Branch circuit breakers: 125 A max. at 480 V or 100 A max. at 600 V
  - Powerlink G3 branch circuit breakers: 20 A 3P or 30 A 2P max.
  - Options: None (not available with Powerlink)

NQ Panelboard Interior

SCCR 10–100 kA
208Y/120 Vac 3Ø4W or 120/240 Vac 1Ø3W

- 60–225 A MLO 42 circuits
  - Branch circuit breakers: 150 A max.
  - Options (choose one):
    - Sub-feed lugs
    - Surge Protective Device (SPD)
Figure 46 (cont.)

- 60–400 A MLO 84 circuits
  - Branch circuit breakers: 150 A max.
  - Options (choose up to two):
    - Feed-through lugs
    - Surge Protective Device (SPD)

- 450–600 A MLO 42 circuits
  - Branch circuit breakers: 150 A max.
  - Options: None

  **NOTE:** If a 600 A interior is selected for one of the top two cells, no interior is permitted in the other top cell.

- 60–225 A Main circuit breaker, 42 circuits
  - Branch circuit breakers: 150 A max.
  - Option: Feed-through lugs

- 250–400 A Main circuit breaker, 42 circuits
  - Branch circuit breakers: 150 A max.
  - Options: Feed-through lugs

**Transformer**

Three Phase 480 Vac or 600 Vac primary, 208Y/120 Vac secondary:

- 15, 30, 45, 75, 112.5 kVA, 24 in. depth min., 3Ø EE 150 degree C Rise
- 150, 225 kVA, 36 in. depth min., 3Ø EE 150 degree C Rise
- 15, 30, 45, 75 kVA, 24 in. depth min., 3Ø EE 80 and 115 degree C Rise
- 112, 150 kVA, 36 in. depth min., 3Ø EE 80 and 115 degree C Rise
- 15, 30, 45, 75 kVA, 24 in. depth min., 3Ø EE 150 degree C Rise, K4/K13
- 112, 150 kVA, 36 in. depth min., 3Ø EE 150 degree C Rise, K4/K13
- 15, 30, 45 kVA, 24 in. depth min., 3Ø EE 80 and 115 degree C Rise, K4/K13
- 75, 112 kVA, 36 in. depth min., 3Ø EE 80 and 115 degree C Rise, K4/K13

Single Phase 480 Vac or 600 Vac primary, 120/240 Vac secondary:

- 15, 25, 37.5, 50, 75 kVA, EE, 150 degree C Rise
- 15, 25, 37.5, 50 kVA, 24 in. depth min., EE, 80 and 115 degree C Rise
- 75 kVA, 36 in. depth min., EE, 80 and 115 degree C Rise

**NOTE:** Single circuit breaker 250 Amp max. can be installed in transformer compartment as primary or secondary disconnect.

**NOTE:** Standard transformer voltages listed, additional options available. Contact your Schneider Electric representative for details.
NF Panelboard Interior or NF Powerlink Panelboard

SCCR 10–200 kA
600Y/347 Vac 3Ø4W, NF Powerlink G3 480Y/277 Vac 3Ø4W max.,
480Y/277 Vac 3Ø4W, 208Y/120 Vac 3Ø4W, or 120/240 Vac 1Ø3W

- 60–250 A MLO, 42 circuits
  - Branch circuit breakers: 125 A max. at 480 V or 100 A max. at 600 V
  - Powerlink G3 branch circuit breakers: 20 A 3P or 30 A 2P max.
  - Option: Sub-feed lugs
- 60–250 A MLO, 54 circuits (top feed only)
  - Branch circuit breakers: 125 A max. at 480 V or 100 A max. at 600 V
  - Powerlink G3 branch circuit breakers: 20 A 3P or 30 A 2P max.
  - Options: None

**NOTE:** 100–250 A NF MLO or Main circuit breaker: An optional 200% rated neutral is available in combination with any of the options listed.

300–400 A NF MLO or Main circuit breaker: An optional 200% neutral can not be combined with any other option in this configuration.

**NQ Panelboard Interior**

SCCR 10–200 kA
208Y/120 Vac 3Ø4W or 120/240 Vac 1Ø3W

- 60–225 A MLO, 42 circuits
  - Branch circuit breakers: 150 A max.
  - Option: Sub-feed lugs
- 60–225 A MLO, 54 circuits
  - Branch circuit breakers: 150 A max.
  - Options: None
- 250–400 A MLO, 42 circuit
  - Branch circuit breakers: 150 A max.
  - Option: Sub-feed lugs
- 450–600 A MLO, 42 circuit
  - Branch circuit breakers: 150 A max.
  - Options: None

**NOTE:** If a 600 A interior is selected for one of the top two cells, no interior is permitted in the other top cell.

- 60–225/250 A Main circuit breaker, 42 circuits
  - Branch circuit breakers: 150 A max.
  - Option: TF lugs (bottom feed only)

**NOTE:** Minimum depths are shown. Options are available for 48" D NEMA 1 or 47.5" D or 59.5" D NEMA 3R.

**NOTE:** 60–400 A NQ MLO or Main circuit breaker: An optional 200% rated neutral is available in combination with any of the options listed.
Transformer

Three Phase 480 Vac or 600 Vac primary, 208Y/120 Vac secondary:
- 300 kVA 3Ø, EE, 150 degree C rise rated
- 225 kVA 3Ø, EE, 80 and 115 degree C rise rated
- 225 kVA 3Ø, EE, 150 degree C rise rated with K4/K13
- 150 kVA 3Ø, EE, 80 and 115 degree C rise rated with K4/K13

NOTE: Single circuit breaker 250 Amp max. can be installed in transformer compartment as primary or secondary disconnect.

NOTE: Standard transformer voltages listed, additional options available. Contact your Schneider Electric representative for details.

I-Line Panelboard Interior

SCCR 10–200 kA
600 Vac max.
- 800 A max. MLO with 27-in. of circuit breaker mounting space without a main lug kit
  - Max. branch circuit breaker 800 A
  - Options (choose one):
    - Sub-feed lugs
    - Surge Protective Device (SPD) unit
- 800 A max. Back-fed Main circuit breakers interiors with 27 in. of circuit breaker mounting space without a Main circuit breaker.
  - Max. branch circuit breaker 800 A
  - Options (choose one):
    - Sub-feed lugs
    - Surge Protective Device (SPD) unit

NOTE: Minimum depths are shown. Options are available for 48" D NEMA 1 or 47.5" D or 59.5" D NEMA 3R.

Figure 48: 48 in. w x 91.5 in. x 36 in. d
Type 1 Enclosure
Top Cell, I-Line Panelboard
Bottom: Transformer
Individually-Mounted Circuit Breaker

SCCR 10 kA–100 kA

15 A–800 A circuit breaker trip rating; 600 V max.

Two circuit individually mounted circuit breakers mounted side by side

Circuit breaker options:
- 120 V shunt trip
- Handle padlock attachment

Equipment Space

Third party equipment

Contactors options:
- 20 A to 200 A
- Electrically held or mechanically held

Contactor wiring options:
- Unwired: Mounted in cell only
- Load side wired: Line side wired to a branch circuit breaker(s)
- Fully wired: Line side wired to a branch circuit breaker(s), load side wired to the terminal blocks

Transformer

Three Phase 480 Vac or 600 Vac primary, 208Y/120 Vac secondary:
- 300 kVA 3Ø, EE, 150 degree C rise rated
- 225 kVA 3Ø, EE, 80 and 115 degree C rise rated
- 225 kVA 3Ø, EE, 150 degree C rise rated with K4/K13
- 150 kVA 3Ø, EE, 80 and 115 degree C rise rated with K4/K13

NOTE: Single circuit breaker 250 Amp max. can be installed in transformer compartment as primary or secondary disconnect.

NOTE: Standard transformer voltages listed, additional options available. Contact your Schneider Electric representative for details.

NOTE: Minimum depths are shown. Options are available for 48” D NEMA 1 or 47.5” D or 59.5” D NEMA 3R.
Individually-Mounted Circuit Breaker

SCCR 10 kA–100 kA

15 A–800 A circuit breaker trip rating; 600 V max.

Two circuit individually mounted circuit breakers mounted side by side

Circuit breaker options:
- 120 V shunt trip
- Handle padlock attachment

NF Panelboard Interiors or NF Powerlink Panelboard

SCCR 10 kA–200 kA

600Y/347 Vac 3Ø4W, NF Powerlink G3 480Y/277 Vac 3Ø4W max., or 480Y/277 Vac 3Ø4W, or 208Y/120 Vac 3Ø4W, or 120/240 Vac 1Ø3W

- 60 A–250 A MLO, 42 circuits
  - Branch circuit breakers: 125 A max. at 480 V or 100 A max. at 600 V
  - Powerlink G3 branch circuit breakers: 20 A 3P or 30 A 2P max.
  - Option: SF lugs
- 60 A–250 A MLO, 54 circuits (top feed only)
  - Branch circuit breakers: 125 A max. at 480 V or 100 A max. at 600 V
  - Powerlink G3 branch circuit breakers: 20 A 3P or 30 A 2P max.
  - Options: None

**NOTE:** 100 A–250 A NF MLO or Main circuit breaker: An optional 200% rated neutral is available in combination with any of the options listed.

300 A–400 A NF MLO or Main circuit breaker: An optional 200% neutral can not be combined with any other option in this configuration.
NQ Panelboard Interior

SCCR 10 kA–200 kA
208Y/120 Vac 3Ø4W or 120/240 Vac 1Ø3W

- 60–225 A MLO, 42 circuits
  - Branch circuit breakers: 150 A max.
  - Option: Sub-feed lugs
- 60–225 A MLO, 54 circuits
  - Branch circuit breakers: 150 A max.
  - Options: None
- 250–400 A MLO, 42 circuit
  - Branch circuit breakers: 150 A max.
  - Option: Sub-feed lugs
- 450–600 A MLO, 42 circuit
  - Branch circuit breakers: 150 A max.
  - Options: None

NOTE: If a 600 A interior is selected for one of the top two cells, no interior is permitted in the other top cell.

- 60–225/250 A Main circuit breaker, 42 circuits
  - Branch circuit breakers: 150 A max.
  - Option: TF lugs (bottom feed only)

Transformer

Three Phase 480 Vac or 600 Vac primary, 208Y/120 Vac secondary:

- 300 kVA 3Ø, EE, 150 degree C rise rated
- 225 kVA 3Ø, EE, 80 and 115 degree C rise rated
- 225 kVA 3Ø, EE, 150 degree C rise rated with K4/K13
- 150 kVA 3Ø, EE, 80 and 115 degree C rise rated with K4/K13

NOTE: Single circuit breaker 250 Amp max. can be installed in transformer compartment as primary or secondary disconnect.

NOTE: Standard transformer voltages listed, additional options available. Contact your Schneider Electric representative for details.
## Stacked Transformer Section

24 in. w x 91.5 in. x 24 in. d  
Type 1 Enclosure  

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36 in. w x 91.5 in. x 24 in. d  
Type 1 Enclosure  

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36 in. w x 91.5 in. x 36 in. d  
Type 1 Enclosure  

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Only valid configurations are shown.

## Stacked Transformer 24 in. W x 24 in. D Enclosure — 480 V

### Table 1: 480 V Primary — 208Y/120 Secondary 3Ø Transformers

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<td>EE 115° C Rise</td>
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<td>EE15T3HFCU</td>
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<td>Top Bottom</td>
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<tr>
<td>Top Bottom</td>
<td>Blank</td>
<td>EE15T3Hb</td>
</tr>
<tr>
<td>Top Bottom</td>
<td>Blank</td>
<td>EE15T3HBCU</td>
</tr>
</tbody>
</table>
### Table 1: 480 V Primary — 208Y/120 Secondary 3Ø Transformers (continued)

<table>
<thead>
<tr>
<th>Type</th>
<th>Location</th>
<th>Configurations 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>K-13 150° C Rise</td>
<td>Top Blank</td>
<td>EE15T3HISNPL EE15T3HISNPL EE15T3HISCUNPL EE15T3HISCUNPL EE15T3HISNPL</td>
</tr>
<tr>
<td></td>
<td>Bottom</td>
<td>EE15T3HISNPL EE15T3HISNPL EE15T3HISCUNPL EE15T3HISCUNPL EE15T3HISNPL</td>
</tr>
<tr>
<td>K-13 115° C Rise</td>
<td>Top Blank</td>
<td>EE15T3HISNPL EE15T3HISNPL EE15T3HISCUNPL EE15T3HISCUNPL EE15T3HISNPL</td>
</tr>
<tr>
<td></td>
<td>Bottom</td>
<td>EE15T3HISNPL EE15T3HISNPL EE15T3HISCUNPL EE15T3HISCUNPL EE15T3HISNPL</td>
</tr>
<tr>
<td>K-4 150° C Rise</td>
<td>Top Blank</td>
<td>EE15T3HISNPL EE15T3HISNPL EE15T3HISCUNL EE15T3HISCUNL EE15T3HISNPL</td>
</tr>
<tr>
<td></td>
<td>Bottom</td>
<td>EE15T3HISNPL EE15T3HISNPL EE15T3HISCUNL EE15T3HISCUNL EE15T3HISNPL</td>
</tr>
<tr>
<td>K-4 115° C Rise</td>
<td>Top Blank</td>
<td>EE15T3HISNPL EE15T3HISNPL EE15T3HISCUNL EE15T3HISCUNL EE15T3HISNPL</td>
</tr>
<tr>
<td></td>
<td>Bottom</td>
<td>EE15T3HISNPL EE15T3HISNPL EE15T3HISCUNL EE15T3HISCUNL EE15T3HISNPL</td>
</tr>
</tbody>
</table>

1 A single phase transformer may be combined with three phase transformer provided:

a) The three phase transformer must be bottom located.

b) The kVA rating of the single phase transformer must be equal to or smaller than the three phase transformer.

### Table 2: 480 V Primary — 120/240 Secondary 1Ø Transformers

<table>
<thead>
<tr>
<th>Type</th>
<th>Location</th>
<th>Configurations 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>EE 150° C Rise</td>
<td>Top Blank</td>
<td>EE15S3H EE15S3H EE15S3H EE15S3H EE15S3H</td>
</tr>
<tr>
<td></td>
<td>Bottom</td>
<td>EE15S3H EE15S3H EE15S3H EE15S3H EE15S3H</td>
</tr>
<tr>
<td></td>
<td>Bottom</td>
<td>EE15S3H EE15S3H EE15S3H EE15S3H EE15S3H</td>
</tr>
<tr>
<td></td>
<td>Bottom</td>
<td>EE15S3H EE15S3H EE15S3H EE15S3H EE15S3H</td>
</tr>
</tbody>
</table>

1 A single phase transformer may be combined with three phase transformer provided:

a) The three phase transformer must be bottom located.

b) The kVA rating of the single phase transformer must be equal to or smaller than the three phase transformer.
Stacked Transformer 24 in. W x 24 in. D Enclosure — 600 V

Table 3: 600 V Primary — 208Y/120 Secondary 3Ø Transformers

<table>
<thead>
<tr>
<th>Type</th>
<th>Location</th>
<th>Configurations 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>EE 150° C Rise</td>
<td>Top Blank</td>
<td>EE15T65H EE15T65H EE30T65H EE45T65H</td>
</tr>
<tr>
<td>Top Blank</td>
<td>EE15T65H</td>
<td>EE15T65H EE30T65H EE30T65H EE45T65H</td>
</tr>
<tr>
<td>Top Blank</td>
<td>EE15T65HCU</td>
<td>EE15T65HCU EE15T65HCU EE15T65HCU EE45T65HCU</td>
</tr>
<tr>
<td>Top Blank</td>
<td>EE30T65H</td>
<td>EE30T65H EE45T65H EE45T65H</td>
</tr>
<tr>
<td>Top Blank</td>
<td>EE30T65HCU</td>
<td>EE30T65HCU EE30T65HCU EE30T65HCU EE45T65HCU</td>
</tr>
<tr>
<td>Top Blank</td>
<td>EE30T65H</td>
<td>EE30T65H EE45T65H EE45T65H</td>
</tr>
<tr>
<td>Top Blank</td>
<td>EE30T65HCU</td>
<td>EE30T65HCU EE30T65HCU EE30T65HCU EE45T65HCU</td>
</tr>
<tr>
<td>Top Blank</td>
<td>EE30T65H</td>
<td>EE30T65H EE45T65H EE45T65H</td>
</tr>
<tr>
<td>Top Blank</td>
<td>EE30T65HCU</td>
<td>EE30T65HCU EE30T65HCU EE30T65HCU EE45T65HCU</td>
</tr>
</tbody>
</table>

1 A single phase transformer may be combined with three phase transformer provided:
   a) The three phase transformer must be bottom located
   b) The kVA rating of the single phase transformer must be equal to or smaller than the three phase transformer.

Table 4: 600 V Primary — 120/240 Secondary 1Ø Transformers

<table>
<thead>
<tr>
<th>Type</th>
<th>Location</th>
<th>Configurations 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>EE 150° C Rise</td>
<td>Top Blank</td>
<td>EE15S3534H EE15S3534H EE15S3534H EE15S3534H EE15S3534H EE15S3534H</td>
</tr>
<tr>
<td>Top Blank</td>
<td>EE15S3534H</td>
<td>EE15S3534H EE25S3534H EE37S3534H EE50S3534H</td>
</tr>
<tr>
<td>Top Blank</td>
<td>EE15S3534HCU</td>
<td>EE15S3534HCU EE15S3534HCU EE15S3534HCU EE15S3534HCU</td>
</tr>
<tr>
<td>Top Blank</td>
<td>EE25S3534H</td>
<td>EE25S3534H EE37S3534H EE50S3534H</td>
</tr>
<tr>
<td>Top Blank</td>
<td>EE25S3534HCU</td>
<td>EE25S3534HCU EE25S3534HCU EE25S3534HCU EE25S3534HCU</td>
</tr>
<tr>
<td>Top Blank</td>
<td>EE37S3534H</td>
<td>EE37S3534H EE50S3534H</td>
</tr>
<tr>
<td>Top Blank</td>
<td>EE37S3534HCU</td>
<td>EE37S3534HCU EE37S3534HCU EE37S3534HCU EE37S3534HCU</td>
</tr>
<tr>
<td>Top Blank</td>
<td>EE37S3534H</td>
<td>EE37S3534H EE50S3534H</td>
</tr>
<tr>
<td>Top Blank</td>
<td>EE37S3534HCU</td>
<td>EE37S3534HCU EE37S3534HCU EE37S3534HCU EE37S3534HCU</td>
</tr>
</tbody>
</table>

1 A single phase transformer may be combined with three phase transformer provided:
   a) The three phase transformer must be bottom located
   b) The kVA rating of the single phase transformer must be equal to or smaller than the three phase transformer.
Stacked Transformer 36 in. W x 24 in. D Enclosure — 480 V

Table 5: 480 V Primary — 208Y/120 Secondary 3Ø Transformers

<table>
<thead>
<tr>
<th>Type</th>
<th>Location</th>
<th>Configurations 1</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Top</td>
<td>Bottom</td>
</tr>
<tr>
<td>EE 150° C Rise</td>
<td>Blank</td>
<td>Blank</td>
</tr>
<tr>
<td></td>
<td>EE75T3H</td>
<td>EE75T3H</td>
</tr>
<tr>
<td></td>
<td>EE30T3H</td>
<td>EE30T3H</td>
</tr>
<tr>
<td></td>
<td>EE45T3H</td>
<td>EE45T3H</td>
</tr>
<tr>
<td></td>
<td>EE75T3H</td>
<td>EE75T3H</td>
</tr>
<tr>
<td></td>
<td>EE112T3H</td>
<td>EE112T3H</td>
</tr>
<tr>
<td>EE 115° C Rise</td>
<td>Blank</td>
<td>Blank</td>
</tr>
<tr>
<td></td>
<td>EE45T3HF</td>
<td>EE45T3HF</td>
</tr>
<tr>
<td></td>
<td>EE75T3HF</td>
<td>EE75T3HF</td>
</tr>
<tr>
<td></td>
<td>EE15T3HF</td>
<td>EE15T3HF</td>
</tr>
<tr>
<td></td>
<td>EE45T3HF</td>
<td>EE45T3HF</td>
</tr>
<tr>
<td></td>
<td>EE75T3HF</td>
<td>EE75T3HF</td>
</tr>
<tr>
<td>EE 80° C Rise</td>
<td>Blank</td>
<td>Blank</td>
</tr>
<tr>
<td></td>
<td>EE45T3HB</td>
<td>EE45T3HB</td>
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<tr>
<td></td>
<td>EE45T3HB</td>
<td>EE45T3HB</td>
</tr>
<tr>
<td></td>
<td>EE75T3HB</td>
<td>EE75T3HB</td>
</tr>
<tr>
<td></td>
<td>EE75T3HB</td>
<td>EE75T3HB</td>
</tr>
<tr>
<td>K-13 150° C Rise</td>
<td>Blank</td>
<td>Blank</td>
</tr>
<tr>
<td></td>
<td>EE45T3HSNL</td>
<td>EE45T3HSNL</td>
</tr>
<tr>
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<td>EE30T3HSNL</td>
<td>EE30T3HSNL</td>
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<tr>
<td></td>
<td>EE45T3HSNL</td>
<td>EE45T3HSNL</td>
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<tr>
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<td>EE75T3HSNL</td>
<td>EE75T3HSNL</td>
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</table>

1 Denotes configurations with a primary rise of 75° C.
### Table 5: 480 V Primary — 208/120 Secondary 3Ø Transformers (continued)

<table>
<thead>
<tr>
<th>Type</th>
<th>Location</th>
<th>Configurations 1</th>
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<tbody>
<tr>
<td></td>
<td>Top</td>
<td>Bottom</td>
</tr>
<tr>
<td>K-13 115° C Rise</td>
<td>Blank</td>
<td>EE45T3HFISNL</td>
</tr>
<tr>
<td></td>
<td>EE45T3HFISCUNL</td>
<td>EE15T3HFISCUNL</td>
</tr>
<tr>
<td></td>
<td>Blank</td>
<td>EE45T3HFISNL</td>
</tr>
<tr>
<td></td>
<td>EE45T3HFISCUNL</td>
<td>EE15T3HFISCUNL</td>
</tr>
<tr>
<td>K-4 150° C Rise</td>
<td>Blank</td>
<td>EE45T3HFISNL</td>
</tr>
<tr>
<td></td>
<td>EE45T3HFISCUNL</td>
<td>EE15T3HFISCUNL</td>
</tr>
<tr>
<td></td>
<td>Blank</td>
<td>EE45T3HFISNL</td>
</tr>
<tr>
<td></td>
<td>EE45T3HFISCUNL</td>
<td>EE15T3HFISCUNL</td>
</tr>
</tbody>
</table>

1. A single phase transformer may be combined with three phase transformer provided:
   a) The three phase transformer must be bottom located
   b) The kVA rating of the single phase transformer must be equal to or smaller than the three phase transformer.

### Table 6: 480 V Primary — 120/240 Secondary 1Ø Transformers

<table>
<thead>
<tr>
<th>Type</th>
<th>Location</th>
<th>Configurations 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>EE 150° C Rise</td>
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<td>EE15S3H</td>
</tr>
<tr>
<td></td>
<td>EE75S3H</td>
<td>EE15S3H</td>
</tr>
</tbody>
</table>

1. A single phase transformer may be combined with three phase transformer provided:
   a) The three phase transformer must be bottom located
   b) The kVA rating of the single phase transformer must be equal to or smaller than the three phase transformer.
Stacked Transformer 36 in. W x 24 in. D Enclosure — 600 V

Table 7: 600 V Primary — 208Y/120 Secondary 3Ø Transformers

<table>
<thead>
<tr>
<th>Type</th>
<th>Location</th>
<th>Configurations ¹</th>
</tr>
</thead>
<tbody>
<tr>
<td>Top</td>
<td>Blank</td>
<td>EE15T65H</td>
</tr>
<tr>
<td>Bottom</td>
<td>EE75T65H</td>
<td>EE75T65H</td>
</tr>
<tr>
<td>Top</td>
<td>Blank</td>
<td>EE30T65H</td>
</tr>
<tr>
<td>Bottom</td>
<td>EE75T65H</td>
<td>EE75T65H</td>
</tr>
<tr>
<td>Top</td>
<td>Blank</td>
<td>EE45T65H</td>
</tr>
<tr>
<td>Bottom</td>
<td>EE75T65H</td>
<td>EE75T65H</td>
</tr>
<tr>
<td>Top</td>
<td>Blank</td>
<td>EE75T65H</td>
</tr>
<tr>
<td>Bottom</td>
<td>EE75T65H</td>
<td>EE75T65H</td>
</tr>
<tr>
<td>Top</td>
<td>Blank</td>
<td>EE30T65HCU</td>
</tr>
<tr>
<td>Bottom</td>
<td>EE75T65HCU</td>
<td>EE75T65HCU</td>
</tr>
<tr>
<td>Top</td>
<td>Blank</td>
<td>EE45T65HCU</td>
</tr>
<tr>
<td>Bottom</td>
<td>EE75T65HCU</td>
<td>EE75T65HCU</td>
</tr>
<tr>
<td>Top</td>
<td>Blank</td>
<td>EE75T65HCU</td>
</tr>
<tr>
<td>Bottom</td>
<td>EE75T65HCU</td>
<td>EE75T65HCU</td>
</tr>
</tbody>
</table>

¹ A single phase transformer may be combined with three phase transformer provided:
   a) The three phase transformer must be bottom located
   b) The kVA rating of the single phase transformer must be equal to or smaller than the three phase transformer.

Table 8: 600 V Primary — 120/240 Secondary 1Ø Transformers

<table>
<thead>
<tr>
<th>Type</th>
<th>Location</th>
<th>Configurations ¹</th>
</tr>
</thead>
<tbody>
<tr>
<td>Top</td>
<td>Blank</td>
<td>EE15S3534H</td>
</tr>
<tr>
<td>Bottom</td>
<td>EE75S3534H</td>
<td>EE75S3534H</td>
</tr>
<tr>
<td>Top</td>
<td>Blank</td>
<td>EE25S3534H</td>
</tr>
<tr>
<td>Bottom</td>
<td>EE75S3534H</td>
<td>EE75S3534H</td>
</tr>
<tr>
<td>Top</td>
<td>Blank</td>
<td>EE37S3534H</td>
</tr>
<tr>
<td>Bottom</td>
<td>EE75S3534H</td>
<td>EE75S3534H</td>
</tr>
<tr>
<td>Top</td>
<td>Blank</td>
<td>EE50S3534H</td>
</tr>
<tr>
<td>Bottom</td>
<td>EE75S3534H</td>
<td>EE75S3534H</td>
</tr>
</tbody>
</table>

¹ A single phase transformer may be combined with three phase transformer provided:
   a) The three phase transformer must be bottom located
   b) The kVA rating of the single phase transformer must be equal to or smaller than the three phase transformer.
### Stacked Transformer 36 in. W x 36 in. D Enclosure — 480 V

#### Table 9: 480 V Primary — 208Y/120 Secondary 3Ø Transformers

<table>
<thead>
<tr>
<th>Type</th>
<th>Location</th>
<th>Configurations 1</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>EE 150° C Rise</strong></td>
<td>Top Blank</td>
<td>EE15T3H EE15T3HCU</td>
</tr>
<tr>
<td></td>
<td>Bottom</td>
<td>EE112T3H EE120T3HCU</td>
</tr>
<tr>
<td></td>
<td>Top Blank</td>
<td>EE15T3HCU EE30T3HCU EE45T3HCU EE75T3HCU</td>
</tr>
<tr>
<td></td>
<td>Bottom</td>
<td>EE112T3HCU EE120T3HCU EE120T3HCU EE120T3HCU EE120T3HCU EE120T3HCU</td>
</tr>
<tr>
<td></td>
<td>Top Blank</td>
<td>EE15T3H EE30T3H EE45T3H EE75T3H</td>
</tr>
<tr>
<td></td>
<td>Bottom</td>
<td>EE112T3H EE120T3H EE120T3H EE120T3H</td>
</tr>
</tbody>
</table>

| **EE 115° C Rise** | Top Blank | EE30T3H EE45T3H EE75T3H |
|                   | Bottom   | EE75T3H |
|                   | Top Blank | EE15T3H |
|                   | Bottom   | EE75T3H |
|                   | Top Blank | EE30T3H |
|                   | Bottom   | EE75T3H |
|                   | Top Blank | EE15T3H |
|                   | Bottom   | EE75T3H |
|                   | Top Blank | EE15T3H |
|                   | Bottom   | EE75T3H |

| **EE 80° C Rise** | Top Blank | EE75T3H |
|                  | Bottom   | EE75T3H |
|                  | Top Blank | EE30T3H |
|                  | Bottom   | EE75T3H |
|                  | Top Blank | EE15T3H |
|                  | Bottom   | EE75T3H |
|                  | Top Blank | EE30T3H |
|                  | Bottom   | EE150T3H |

| **K-13 150° C Rise** | Top Blank | EE30T3H |
|                     | Bottom   | EE75T3H |
|                     | Top Blank | EE15T3H |
|                     | Bottom   | EE75T3H |
|                     | Top Blank | EE30T3H |
|                     | Bottom   | EE75T3H |
|                     | Top Blank | EE15T3H |
|                     | Bottom   | EE75T3H |

| **K-13 115° C Rise** | Top Blank | EE30T3H |
|                     | Bottom   | EE75T3H |
|                     | Top Blank | EE15T3H |
|                     | Bottom   | EE75T3H |
|                     | Top Blank | EE30T3H |
|                     | Bottom   | EE75T3H |
### Table 9: 480 V Primary — 208Y/120 Secondary 3Ø Transformers (continued)

<table>
<thead>
<tr>
<th>Type</th>
<th>Location</th>
<th>Configurations</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>K-13 115° C Rise</strong></td>
<td>Top Blank</td>
<td>EE15T3HFISCUNLP EE30T3HFISCUNLP EE45T3HFISCUNLP EE75T3HFISCUNLP</td>
</tr>
<tr>
<td></td>
<td>Bottom EE112T3HFISCUNLP</td>
<td>EE112T3HFISCUNLP EE112T3HFISCUNLP EE112T3HFISCUNLP EE112T3HFISCUNLP</td>
</tr>
<tr>
<td></td>
<td>Top Blank</td>
<td>EE30T3HFISNL EE50T3HFISNL EE75T3HFISNL EE100T3HFISNL</td>
</tr>
<tr>
<td></td>
<td>Bottom EE150T3HFISNL</td>
<td>EE150T3HFISNL EE150T3HFISNL EE150T3HFISNL EE150T3HFISNL</td>
</tr>
<tr>
<td><strong>K-4 150° C Rise</strong></td>
<td>Top Blank</td>
<td>EE15T3HISCUNL EE30T3HISCUNL EE45T3HISCUNL EE75T3HISCUNL</td>
</tr>
<tr>
<td></td>
<td>Bottom EE75T3HISNL</td>
<td>EE75T3HISNL EE75T3HISNL EE75T3HISNL EE75T3HISNL</td>
</tr>
<tr>
<td></td>
<td>Top Blank</td>
<td>EE112T3HISNL EE112T3HISNL EE112T3HISNL EE112T3HISNL</td>
</tr>
<tr>
<td></td>
<td>Bottom EE30T3HISCUNL</td>
<td>EE30T3HISCUNL EE30T3HISCUNL EE30T3HISCUNL EE30T3HISCUNL</td>
</tr>
</tbody>
</table>

---

1 A single phase transformer may be combined with three phase transformer provided:
   a) The three phase transformer must be bottom located
   b) The kVA rating of the single phase transformer must be equal to or smaller than the three phase transformer.

### Table 10: 480 V Primary — 120/240 Secondary 1Ø Transformers

<table>
<thead>
<tr>
<th>Type</th>
<th>Location</th>
<th>Configurations</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>EE 150° C Rise</strong></td>
<td>Top Blank</td>
<td>EE15S3H EE25S3H EE37S3H EE50S3H EE75S3H EE100S3H</td>
</tr>
<tr>
<td></td>
<td>Bottom EE100S3H</td>
<td>EE100S3H EE100S3H EE100S3H EE100S3H EE100S3H EE100S3H</td>
</tr>
<tr>
<td></td>
<td>Top Blank</td>
<td>EE15S3HCU EE25S3HCU EE37S3HCU EE50S3HCU EE75S3HCU EE100S3HCU</td>
</tr>
<tr>
<td></td>
<td>Bottom EE167S3H</td>
<td>EE167S3H EE167S3H EE167S3H EE167S3H EE167S3H EE167S3H</td>
</tr>
</tbody>
</table>

---

1 A single phase transformer may be combined with three phase transformer provided:
   a) The three phase transformer must be bottom located
   b) The kVA rating of the single phase transformer must be equal to or smaller than the three phase transformer.
Stacked Transformer 36 in. W x 36 in. D Enclosure — 600 V

Table 11: 600 V Primary — 208Y/120 Secondary 3Ø Transformers

<table>
<thead>
<tr>
<th>Type</th>
<th>Location</th>
<th>Configurations ¹</th>
</tr>
</thead>
<tbody>
<tr>
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¹ A single phase transformer may be combined with three phase transformer provided:
   a) The three phase transformer must be bottom located
   b) The kVA rating of the single phase transformer must be equal to or smaller than the three phase transformer.

Table 12: 600 V Primary — 120/240 Secondary 1Ø Transformers

<table>
<thead>
<tr>
<th>Type</th>
<th>Location</th>
<th>Configurations ¹</th>
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¹ A single phase transformer may be combined with three phase transformer provided:
   a) The three phase transformer must be bottom located
   b) The kVA rating of the single phase transformer must be equal to or smaller than the three phase transformer.
IPC2 Corner Section

Full Height Corner Sections

Figure 51: 36 in. w x 91.5 in. x 36 in.
Type 1 Enclosure

NOTE: This is the corner section looking down from above.

Left corner section

Right corner section

24 inches

36 inches

24 inches

36 inches

Other corner section configurations available.

Optional Features

The following are additional features that can be added to certain configurations. Contact your local Schneider Electric representative for more details.

— Metering options for main and branch circuits
— Split doors
— Keyed interlocking schemes
— Energy management systems
— Alternate maintenance setting switches
— Custom ATS configurations
### Appendix

#### Quantity of Electrically Held Contactors per Equipment Space Cell

<table>
<thead>
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<th>Contactors</th>
<th>Width 24 in.</th>
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<th>Width 42 in.</th>
<th>Width 48 in.</th>
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<td>1/4 in. h</td>
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<td>8</td>
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#### Quantity of Mechanically Held Contactors per Equipment Space Cell

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