

Modular Panelboard Application Guide Class 2210

Retain for future use.

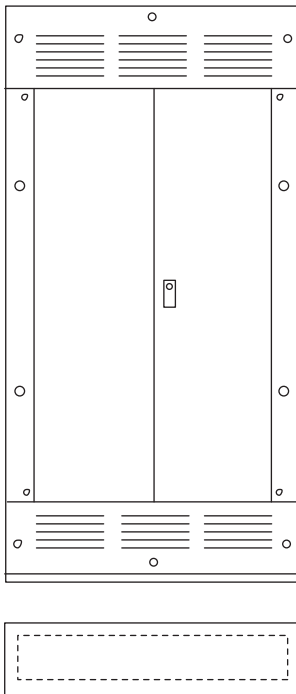
Introduction

The Modular Panelboard System (MPS) consists of a mix of NQ, NF, and I-Line™ panelboards. An MPS can be customized with special interiors such as column-width and PowerLink™, as well as optional power and control cable wiring, contactors, terminal blocks, Surge Protective Devices (SPD), and equipment space.

Full Height Panelboards

I-Line Panelboards

Figure 1: 44 in. w x 86 in. h x 9.5 in. d
Type 1 Enclosure



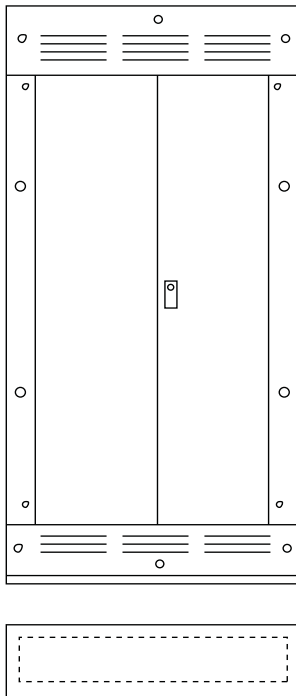
Double Row

SCCR 10 kA–200 kA

600 V max.

- 1200 A Backfed Main Circuit Breaker with 108 in. of mounting space without Main Circuit Breaker.
 - Feeder circuit breakers: 1200 A max.
 - Options:
 - Sub-feed lugs
 - Surge Protective Device (SPD)
- 1200 A Main Lugs with 108 in. of mounting space without Main Lug Kit
 - Feeder circuit breakers: 1200 A max.
 - Options:
 - Sub-feed lugs
 - Surge Protective Devices (SPD)

**Figure 2: 42 in. w x 86 in. h x 9.5 in. d
Type 1 Enclosure**



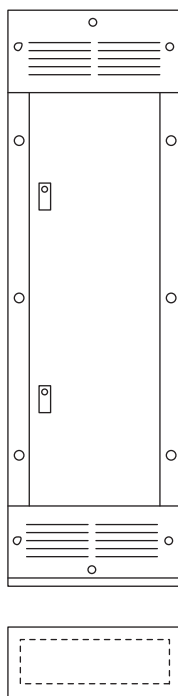
Double Row

SCCR 10 kA–200 kA

600 V max.

- 1200 A max. MLO with 99-in. max. circuit breaker mounting space
 - Feeder circuit breakers: 800 A max.
 - Options:
 - Sub-feed lugs
 - Surge Protective Devices (SPD)
- 800 A max. Backfed Main Circuit Breaker with 99-in. max. circuit breaker mounting space without a Main circuit breaker
 - Feeder circuit Breakers: 800 A max.
 - Options:
 - Sub-feed lugs
 - Surge Protective Devices (SPD)

**Figure 3: 26 in. w x 86 in. h x 9.5 in. d
Type 1 Enclosure**



Single Row

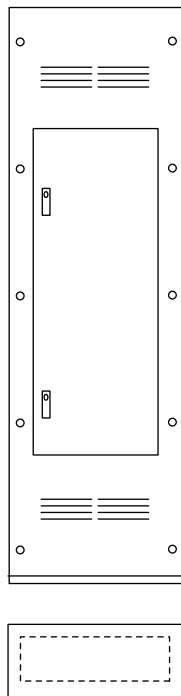
SCCR 10 kA–200 kA

600 V max.

- 800 A max. MLO with 54-in. circuit breaker mounting space without a Main Lug kit
 - Feeder circuit Breakers: 600 A max.
 - Options:
 - Sub-feed lugs
 - Surge Protective Devices (SPD)
- 800 A max. Back-Fed Main Circuit Breaker with 54-in. circuit breaker mounting space without a Main circuit breaker
 - Feeder circuit breakers: 600 A max.
 - Options:
 - Sub-feed lugs
 - Surge Protective Devices (SPD)

NF Full Height Panelboards

Figure 4: 26 in. w x 86 in. h x 9.5 in. d
Type 1 Enclosure



NF Full Height (Vented Trim)

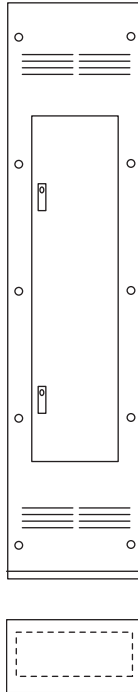
SCCR 10 kA–200 kA

480Y/277 Vac 3Ø4W

- 800 A max. MLO, 42 circuits
 - Branch circuit breaker: 400 A max.
 - Options:
 - Sub-feed lugs
 - Feed-through lugs
 - Surge Protective Devices (SPD)
 - Sub-feed circuit breaker: 400 A max.
 - 200% neutral

NF and NQ Full Height Panelboards

**Figure 5: 20 in. w x 86 in. h x 9.5 in. d
Type 1 Enclosure**



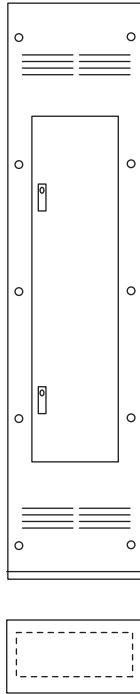
NF Full Height Vented Trim

SCCR 10 kA–200 kA

480Y/277 Vac 3Ø4W

- 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 cannot be combined with any other option in this configuration.
- 250 A max. MLO, 42 circuits
 - Branch circuit breakers: 125 A max.
 - Options (choose one):
 - Sub-feed lugs
 - Feed-through lugs
 - Surge Protective Devices (SPD)
 - Sub-feed circuit breaker: 250 A max.
- 400/600 A max. MLO, 42 circuits
 - Branch circuit breakers: 125 A max.
 - Options (choose one):
 - Sub-feed lugs
 - Feed-through lugs
 - Surge Protective Devices (SPD)
- 600 A max. MLO, 84 circuits
 - Branch circuit breakers: 125 A max.
 - None
- 250 A max. Vertical Main Circuit Breaker, 42 circuits
 - Branch circuit breakers: 125 A max.
 - Options (choose one):
 - Sub-feed lugs
 - Feed-through lugs
 - Surge Protective Devices (SPD)
 - Sub-feed circuit breaker: 250 A max.
- 400/600 A max. Vertical Main Circuit Breaker, 42 circuits
 - Branch circuit breakers: 125 A max.
 - Options (choose one):
 - Sub-feed lugs
 - Feed-through lugs
 - Surge Protective Devices (SPD)

Figure 5 (cont.)



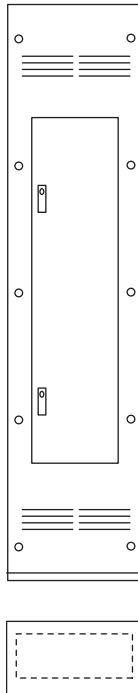
NF Powerlink Full Height

SCCR 10 kA–200 kA

480Y/277 Vac 3Ø4W

- 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 cannot be combined with any other option in this configuration.
- NF Powerlink Master 250 A max. MLO, 42 circuits
 - Branch circuit breakers: 125 A max.
 - Powerlink Branch circuit breakers: 20 A 3P or 30 A 2P max.
 - Options (choose one):
 - Sub-feed lugs
 - Feed-through lugs
 - Surge Protective Devices (SPD)
 - Sub-feed circuit breaker: 250 A max.
- NF Powerlink Slave 250 A max. MLO, 42 circuits
 - Branch circuit breakers: 125 A max.
 - Powerlink Branch circuit breakers: 20 A 3P or 30 A 2P max.
 - Options (choose one):
 - Sub-feed lugs
 - Feed-through lugs
 - Surge Protective Devices (SPD)
 - Sub-feed circuit breaker: 250 A max.
- NF Powerlink Master 400/600 A max. MLO, 42 circuits
 - Branch circuit breakers: 125 A max.
 - Powerlink Branch circuit breakers: 20 A 3P or 30 A 2P max.
 - Options (choose one):
 - Sub-feed lugs
 - Feed-through lugs
 - Surge Protective Devices (SPD)
- NF Powerlink Master 600 A max. MLO, 78 circuits
 - Branch circuit breakers: 125 A max.
 - Powerlink Branch circuit breakers: 20 A 3P or 30 A 2P max.
- NF Powerlink Slave 600 A max. MLO, 84 circuits
 - Branch circuit breakers: 125 A max.
 - Powerlink Branch circuit breakers: 20 A 3P or 30 A 2P max.
- NF Powerlink Slave 400/600 A max. MLO, 42 circuits
 - Branch circuit breakers: 125 A max.
 - Powerlink Branch circuit breakers: 20 A 3P or 30 A 2P max.
 - Options (choose one):
 - Sub-feed lugs
 - Feed-through lugs

Figure 5 (cont.)



- Surge Protective Devices (SPD)
- NF Powerlink Master 250 A max. Vertical Main Circuit Breaker, 42 circuits
 - Branch circuit breakers: 125 A max.
 - Powerlink Branch circuit breakers: 20 A 3P or 30 A 2P max.
 - Options (choose one):
 - Sub-feed lugs
 - Feed-through lugs
 - Surge Protective Devices (SPD)
 - Sub-feed circuit breaker: 250 A max.
- NF Powerlink Slave 250 A max. Vertical Main Circuit Breaker, 42 circuits
 - Branch circuit breakers: 125 A max.
 - Powerlink Branch circuit breakers: 20 A 3P or 30 A 2P max.
 - Options (choose one):
 - Sub-feed lugs
 - Feed-through lugs
 - Surge Protective Devices (SPD)
 - Sub-feed circuit breaker: 250 A max.
- NF Powerlink Master 400/600 A max. Vertical Main Circuit Breaker, 42 circuits
 - Branch circuit breakers: 125 A max.
 - Powerlink Branch circuit breakers: 20 A 3P or 30 A 2P max.
 - Options (choose one):
 - Sub-feed lugs
 - Feed-through lugs
 - Surge Protective Devices (SPD)
- NF Powerlink Slave 400/600 A max. Vertical Main Circuit Breaker, 42 circuits
 - Branch circuit breakers: 125 A max.
 - Powerlink Branch circuit breakers: 20 A 3P or 30 A 2P max.
 - Options (choose one):
 - Sub-feed lugs
 - Feed-through lugs
 - Surge Protective Devices (SPD)

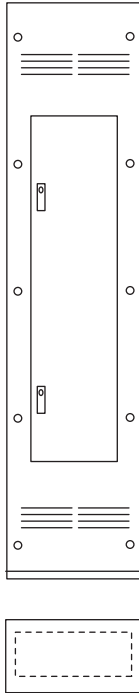
NQ Full Height Vented Trim

SCCR 10 kA–200 kA

208Y/120V 3Ø4W or 120/240 1Ø3W

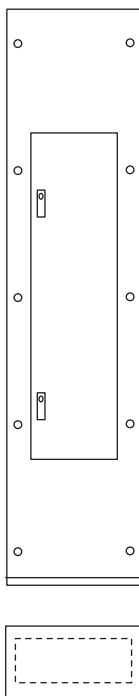
- 400 A NQ MLO or Main Circuit Breaker
 - An optional 200% rated neutral is available in combination with any of the options listed.
 - 400 A max. MLO, 72 circuits max.
 - Branch circuit breakers: 150 A max.
 - Options (choose one):
 - Sub-feed lugs
 - Feed-through lugs

Figure 5 (cont.)



- Surge Protective Devices (SPD)
- Sub-feed circuit breaker: 250 A max.
- 600 A max. MLO, 72 circuits max.
 - Branch circuit breakers: 150 A max.
 - Options (choose one):
 - Sub-feed lugs
 - Feed-through lugs
 - Surge Protective Devices (SPD)
 - Sub-feed circuit breaker: 250 A max.
- 600 A max. Vertical Main Circuit Breaker, 84 circuits
 - Branch circuit breakers: 150 A max.
 - Options (choose one):
 - Feed-through Lugs
 - Surge Protective Devices (SPD)

Figure 6: 20 in. w x 86 in. h x 9.5 in. d
Type 1 Enclosure



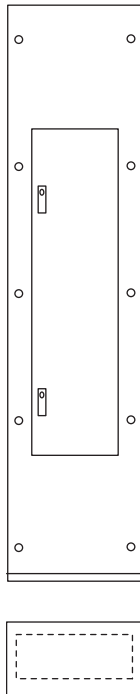
NQ Full Height (Non-Vented Trim)

SCCR 10 kA–200 kA

208Y/120 Vac 3Ø4W or 120/240 1Ø3W

- 60 A–225 A NQ MLO or Main Circuit Breaker
 - An optional 200% rated neutral is available in combination with any of the options listed.
- 208Y/120 Vac 3Ø4W or 120/240 1Ø3W
- 225 A max. MLO or MCB, 84 circuits max.
 - Branch circuit breakers: 150 A max.
 - Options (choose one):
 - Surge Protective Devices (SPD)
 - Sub-feed circuit breaker: 225 A max.

Figure 6 (cont.)



- 150 A max. Back-fed Main Circuit Breaker, 84 circuits max.
 - Branch circuit breakers: 150 A max.
 - Options (choose one):
 - Surge Protective Devices (SPD)
 - Sub-feed circuit breaker: 150 A max.
- 225 A max, Vertical Main Circuit Breaker, 84 circuits max.
 - Branch circuit breakers: 150 A max.
 - Options (choose one):
 - Surge Protective Devices (SPD)
 - Sub-feed circuit breaker: 225 A max.

NF Full Height

SCCR 10 kA–200 kA

480Y/277 Vac 3Ø4W

- 100–250 A NF MLO or Main Circuit Breaker
 - An optional 200% rated neutral is available in combination with any of the options listed.
- 250 A max. MLO, 54 circuits max.
 - Branch circuit breakers: 125 A max.
 - Options (choose one):
 - Sub-feed lugs
 - Surge Protective Devices (SPD)
 - Sub-feed circuit breaker: 250 A max.
- 250 A max. MLO, 84 circuits max.
 - Branch circuit breakers: 125 A max.
 - Options: none
- 250 A max. Vertical Main Circuit Breaker, 42 circuits
 - Branch circuit breakers: 125 A max.
 - Options (choose one):
 - Feed-through lugs
 - Surge Protective Devices (SPD)
 - Sub-feed circuit breaker: 250 A max.

NF Powerlink Full Height

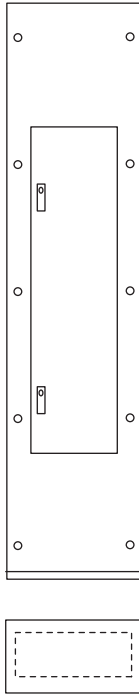
SCCR 10 kA–200 k A

480Y/277 Vac 3Ø4W

Top or bottom feed

- 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.
- NF Powerlink Master 250 A max. MLO, 42 circuits
 - Branch circuit breakers: 125 A max.
 - Powerlink Branch circuit breakers: 20 A 3P or 30 A 2P max.

Figure 6 (cont.)



- Options (choose one):
 - Sub-feed lugs
 - Surge Protective Devices (SPD)
 - Sub-feed circuit breaker 250 A max.
- NF Powerlink Master 250 A max. MLO, 78 circuits
 - Branch circuit breakers: 125 A max.
 - Powerlink Branch circuit breakers: 20 A 3P or 30 A 2P max.
- NF Powerlink Slave 250 A max. MLO, 42 circuits
 - Branch circuit breakers: 125 A max.
 - Powerlink Branch circuit breakers: 20 A 3P or 30 A 2P max.
 - Options (choose one):
 - Sub-feed lugs
 - Surge Protective Devices (SPD)
 - Sub-feed circuit breaker: 250 A max.
- NF Powerlink Master 250 A max. Vertical Main Circuit Breaker, 42 circuits
 - Branch circuit breakers: 125 A max.
 - Powerlink Branch circuit breakers: 20 A 3P or 30 A 2P max.
 - Options (choose one):
 - Sub-feed lugs
 - Surge Protective Devices (SPD)
 - Sub-feed circuit breaker: 250 A max.
- NF Powerlink Slave 250 A max. MLO, 84 circuits
 - Branch circuit breakers: 125 A max.
 - Powerlink Branch circuit breakers: 20 A 3P or 30 A 2P max.
- NF Powerlink Slave 250 A max. Vertical Main Circuit Breaker, 42 circuits
 - Branch circuit breakers: 125 A max.
 - Powerlink Branch circuit breakers: 20 A 3P or 30 A 2P max.
 - Options (choose one):
 - Sub-feed lugs
 - Surge Protective Devices (SPD)
 - Sub-feed circuit breaker: 250A max.

Column Width Panelboards

Figure 7: 10 in. w x 86 in. h x 9.5 in. d
Type 1 Enclosure



NQ Full Height (Column Width)

SCCR 10 kA–65 kA

208Y/120 Vac 3Ø4W or 120/240 1Ø3W

- 100 A max. MLO, 30 circuits
 - Branch circuit breakers: 60 A max.
 - Options: None
- 225 A max. MLO, 42 circuits
 - Branch circuit breakers: 60 A max.
 - Options: None
- 100 A max. Vertical Main Circuit Breaker, 30 circuits
 - Branch circuit breakers: 60 A max.
 - Options: None
- 225 A max. Vertical Main Circuit Breaker, 42 circuits
 - Branch circuit breakers: 60 A max.
 - Options: None

NF Column Width

SCCR 10 kA–200 kA

480Y/277 Vac 3Ø4W

- 125 A max. MLO, 30 circuits
 - Branch circuit breakers: 60 A max.
 - Options: None
- 225 A max. MLO, 42 circuits
 - Branch circuit breakers: 60 A max.
 - Options: None
- 100 A max. Vertical Main Circuit Breaker, 30 circuits
 - Branch circuit breakers: 60 A max.
 - Options: None
- 250 A max. Vertical Main Circuit Breaker, 42 circuits
 - Branch circuit breakers: 60 A max.
 - Options: None

NF PowerLink Column Width

SCCR 10 kA–200 kA

480Y/277 Vac 3Ø4W

- NF Powerlink Master 125 A max. MLO, 24 circuits
 - Powerlink Branch circuit breakers: 20 A 3P or 30 A 2P max.
 - Branch circuit breakers: 60 A max.
 - Options: None

Figure 7 (cont.)



- NF Powerlink Slave 125 A max. MLO, 30 circuits
 - Powerlink Branch circuit breakers: 20 A 3P or 30 A 2P max.
 - Branch circuit breakers: 60 A max.
 - Options: None

- NF Powerlink Master 225 A max. MLO, 36 circuits
 - Powerlink Branch circuit breakers: 20 A 3P or 30 A 2P max.
 - Branch circuit breakers: 60 A max.
 - Options: None

- NF Powerlink Slave 225 A max. MLO, 42 circuits
 - Powerlink Branch circuit breakers: 20 A 3P or 30 A 2P max.
 - Branch circuit breakers: 60 A max.
 - Options: None

- NF Powerlink Master 100 A max. Vertical Main Circuit Breaker, 24 circuits
 - Powerlink Branch circuit breakers: 20 A 3P or 30 A 2P max.
 - Branch circuit breakers: 60 A max.
 - Options: None

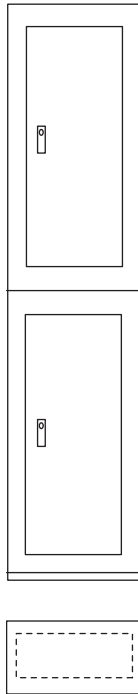
- NF Powerlink Slave 100 A max. Vertical Main Circuit Breaker, 30 circuits
 - Powerlink Branch circuit breakers: 20 A 3P or 30 A 2P max.
 - Branch circuit breakers: 60 A max.
 - Options: None

- NF Powerlink Master 250 A max. Vertical Main Circuit Breaker, 36 circuits
 - Powerlink Branch circuit breakers: 20 A 3P or 30 A 2P max.
 - Branch circuit breakers: 60 A max.
 - Options: None

- NF Powerlink Slave 250 A max. Vertical Main Circuit Breaker, 42 circuits
 - Powerlink Branch circuit breakers: 20 A 3P or 30 A 2P max.
 - Branch circuit breakers: 60 A max.
 - Options: None

Stacked NF or NQ Panelboards

Figure 8: 20 in. w x 86 in. h x 9.5 in. d
Type 1 Enclosure



NOTE: Surge Protective Device (SPD) is now an option for all standard width NQ panels but will occupy 12 breaker spaces on the panel.

NQ Stacked

SCCR 10 kA–200 kA

208Y/120 Vac 3Ø4W or 120/240 1Ø3W

- 60–225 A NQ MLO or Main Circuit Breaker
 - An optional 200% rated neutral is available in combination with any of the options listed.
- 100 A max. MLO, 30 circuits
 - Branch circuit breakers: 100 A max.
 - Options (choose one):
 - Sub-feed lugs
 - Feed-through lugs
- 225 A max. MLO, 30/42/54 circuits
 - Branch circuit breakers: 150 A max.
 - Options (choose one):
 - Sub-feed lugs
 - Feed-through lugs
- 100 A max. Vertical Main Circuit Breaker, 18/30 circuits
 - Branch circuit breakers: 100 A max.
 - Option: Feed-through lugs
- 150 A max. Back-fed Main Circuit Breaker, 54 circuits
 - Branch circuit breakers: 150 A max.
 - Option: Feed-through lugs
- 225 A max, Vertical Main Circuit Breaker, 30 circuits
 - Branch circuit breakers: 150 A max.
 - Options: None
- 225 A max, Vertical Main Circuit Breaker, 42 circuits
 - Branch circuit breakers: 150 A max.
 - Options: Feed-through lugs

NOTE: Feeder cables to vertically mounted main circuit breaker must be factory installed. Additionally, feeder cables from feed-through lugs must be factory installed.

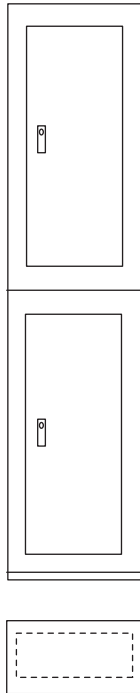
NF Stacked

SCCR 10 kA–200 kA

480Y/277 Vac 3Ø4W

- 100–250 A NF MLO or Main Circuit Breaker
 - An optional 200% rated neutral is available in combination with any of the options listed.
- 125 A max. MLO, 30 circuits
 - Branch circuit breakers: 100 A max.
 - Options (choose one):
 - Sub-feed lugs
 - Feed-through lugs

Figure 8 (cont.)



- 250 A max. MLO, 42 circuits
 - Branch circuit breakers: 125 A max.
 - Options (choose one):
 - Sub-feed lugs
 - Feed-through lugs
- 100 A max. Vertical Main Circuit Breaker, 30 circuits
 - Branch circuit breakers: 100 A max.
 - Options: Feed-through lugs
- 125 A max. Back-fed Main Circuit Breaker, 42 circuits
 - Branch circuit breakers: 125 A max.
 - Options: Feed-through lugs

NF Powerlink Stacked

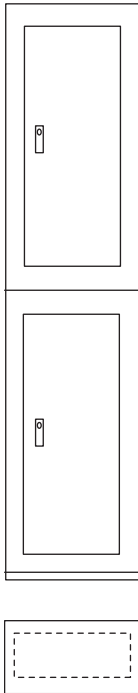
SCCR 10 kA–200 kA

480Y/277 Vac 3Ø4W

Top or bottom feed

- 100–250 A NF MLO or Main Circuit Breaker
 - An optional 200% rated neutral is available in combination with any of the options listed.
- NF Powerlink Master 100 A max. MLO, 24 circuits
 - Branch circuit breakers: 100 A max.
 - Powerlink Branch circuit breakers: 20 A 3P or 30 A 2P max.
 - Options (choose one):
 - Sub-feed lugs
 - Feed-through lugs
- NF Powerlink Slave 100 A max. MLO, 30 circuits
 - Branch circuit breakers: 100 A max.
 - Powerlink Branch circuit breakers: 20 A 3P or 30 A 2P max.
 - Options (choose one):
 - Sub-feed lugs
 - Feed-through lugs
- NF Powerlink Master 250 A max. MLO, 36 circuits
 - Branch circuit breakers: 125 A max.
 - Powerlink Branch circuit breakers: 20 A 3P or 30 A 2P max.
 - Options (choose one):
 - Sub-feed lugs
 - Feed-through lugs

Figure 8 (cont.)



- NF Powerlink Slave 250 A max. MLO, 42 circuits
 - Branch circuit breakers: 125 A max.
 - Powerlink Branch circuit breakers: 20 A 3P or 30 A 2P max.
 - Options (choose one):
 - Sub-feed lugs
 - Feed-through lugs
- NF Powerlink Master 100 A max. Vertical Main Circuit Breaker, 24 circuits
 - Branch circuit breakers: 100 A max.
 - Powerlink Branch circuit breakers: 20 A 3P or 30 A 2P max.
 - Options: Feed-through lugs
- NF Powerlink Slave 100 A max. Vertical Main Circuit Breaker, 30 circuits
 - Branch circuit breakers: 100 A max.
 - Powerlink Branch circuit breakers: 20 A 3P or 30 A 2P max.
 - Options: Feed-through lugs
- NF Powerlink Master 125 A max. Back-fed Main Circuit Breaker, 33 circuits
 - Branch circuit breakers: 125 A max.
 - Powerlink Branch circuit breakers: 20 A 3P or 30 A 2P max.
 - Options: Feed-through lugs
- NF Powerlink Slave 125 A max. Back-fed Main Circuit Breaker, 42 circuits
 - Branch circuit breakers: 125 A max.
 - Powerlink Branch circuit breakers: 20 A 3P or 30 A 2P max.
 - Options: Feed-through lugs

Stacked Panelboards with Stacked Equipment Space

NF and NQ Panelboards

Figure 9: Panel Over Equipment Space
20 in. w x 86 in. h x 9.5 in. d

NOTE: Surge Protective Device (SPD) is now an option for all NQ panels but will occupy 12 breaker spaces on the panel.

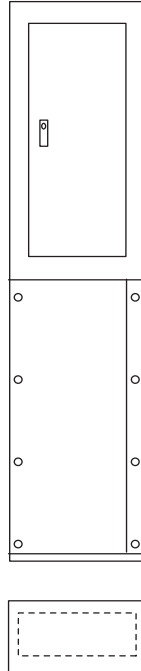
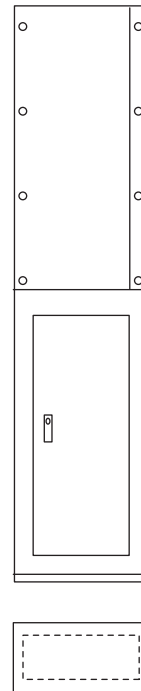


Figure 10: Equipment Space Over Panel
20 in. w x 86 in. h x 9.5 in. d



Equipment Space

- Electrically or Mechanically Held Contactors 30 A–200 A
 - Contactor wiring options:
 - Unwired: Mounting in cell only
 - Lineside wired: Line side wired to a branch circuit breaker(s)
 - Fully wired: Line side wired to a branch circuit breaker(s), loadside wired to terminal blocks

- Space for third party equipment

NQ Stacked

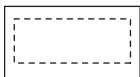
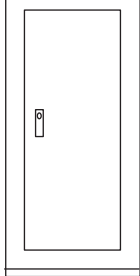
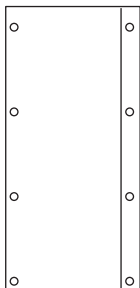
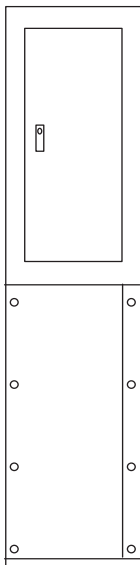
SCCR 10 kA–200 kA

208Y/120 Vac 3Ø4W or 120/240 1Ø3W

- 60–225 A NQ MLO or Main Circuit Breaker
 - An optional 200% rated neutral is available in combination with any of the options listed.
- 100 A max. MLO, 30 circuits
 - Branch circuit breakers: 100 A max.
 - Options (choose one):
 - Sub-feed lugs
 - Feed-through lugs
- 225 A max. MLO, 30/42/54 circuits
 - Branch circuit breakers: 150 A max.
 - Options (choose one):
 - Sub-feed lugs
 - Feed-through lugs
- 100 A max. Vertical Main Circuit Breaker, 18/30 circuits
 - Branch circuit breakers: 100 A max.
 - Option: Feed-through lugs
- 150 A max. Back-fed Main Circuit Breaker, 54 circuits
 - Branch circuit breakers: 150 A max.
 - Option: Feed-through lugs
- 225 A max, Vertical Main Circuit Breaker, 30 circuits
 - Branch circuit breakers: 150 A max.
 - Options: None
- 225 A max, Vertical Main Circuit Breaker, 42 circuits
 - Branch circuit breakers: 150 A max.
 - Option: Feed-through lugs

NOTE: Feeder cables to vertically mounted main circuit breaker must be factory installed. Additionally, feeder cables from feed-through lugs must be factory installed.

Figures 9 & 10 (cont.)



NF Stacked

SCCR 10 kA–200k A

480Y/277 Vac 3Ø4W

Top or bottom feed

- 100–250 A NF MLO or Main Circuit Breaker
 - An optional 200% rated neutral is available in combination with any of the options listed.
- 125 A max. MLO, 30 circuits
 - Branch circuit breakers: 100 A max.
 - Options (choose one):
 - Sub-feed lugs
 - Feed-through lugs
- 250 A max. MLO, 42 circuits
 - Branch circuit breakers: 125 A max.
 - Options (choose one):
 - Sub-feed lugs
 - Feed-through lugs
- 100 A max. Vertical Main Circuit Breaker, 30 circuits
 - Branch circuit breakers: 100 A max.
 - Options: Feed-through lugs
- 125 A max. Back-fed Main Circuit Breaker, 42 circuits
 - Branch circuit breakers: 125 A max.
 - Options: Feed-through lugs

NF Powerlink Stacked

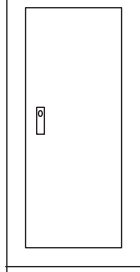
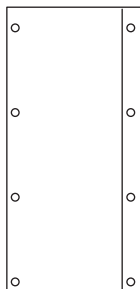
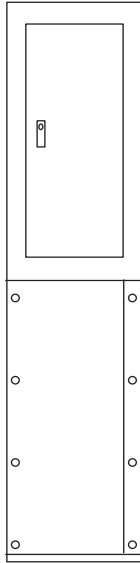
SCCR 10 kA–200k A

480Y/277 Vac 3Ø4W

Top or bottom feed

- 100–250 A NF MLO or Main Circuit Breaker
 - An optional 200% rated neutral is available in combination with any of the options listed.
- NF Powerlink Master 100 A max. MLO, 24 circuits
 - Branch circuit breakers: 100 A max.
 - Powerlink Branch circuit breakers: 20 A 3P or 30 A 2P max.
 - Options (choose one):
 - Sub-feed lugs
 - Feed-through lugs

Figures 9 & 10 (cont.)



- NF Powerlink Slave 100 A max. MLO, 30 circuits
 - Branch circuit breakers: 100 A max.
 - Powerlink Branch circuit breakers: 20 A 3P or 30 A 2P max.
 - Options (choose one):
 - Sub-feed lugs
 - Feed-through lugs
- NF Powerlink Master 250 A max. MLO, 36 circuits
 - Branch circuit breakers: 125 A max.
 - Powerlink Branch circuit breakers: 20 A 3P or 30 A 2P max.
 - Options (choose one):
 - Sub-feed lugs
 - Feed-through lugs
- NF Powerlink Slave 250 A max. MLO, 42 circuits
 - Branch circuit breakers: 125 A max.
 - Powerlink Branch circuit breakers: 20 A 3P or 30 A 2P max.
 - Options (choose one):
 - Sub-feed lugs
 - Feed-through lugs
- NF Powerlink Master 100 A max. Vertical Main Circuit Breaker, 24 circuits
 - Branch circuit breakers: 100 A max.
 - Powerlink Branch circuit breakers: 20 A 3P or 30 A 2P max.
 - Options: Feed-through lugs
- NF Powerlink Slave 100 A max. Vertical Main Circuit Breaker, 30 circuits
 - Branch circuit breakers: 100 A max.
 - Powerlink Branch circuit breakers: 20 A 3P or 30 A 2P max.
 - Options: Feed-through lugs
- NF Powerlink Master 125 A max. Back-fed Main Circuit Breaker, 36 circuits
 - Branch circuit breakers: 125 A max.
 - Powerlink Branch circuit breakers: 20 A 3P or 30 A 2P max.
 - Options: Feed-through lugs
- NF Powerlink Slave 125 A max. Back-fed Main Circuit Breaker, 42 circuits
 - Branch circuit breakers: 125 A max.
 - Powerlink Branch circuit breakers: 20 A 3P or 30 A 2P max.
 - Options: Feed-through lugs

Equipment Space and Wireways

Equipment Space

Figure 11: Full Height and Stacked Equipment Space Type 1 Enclosure

Equipment Space

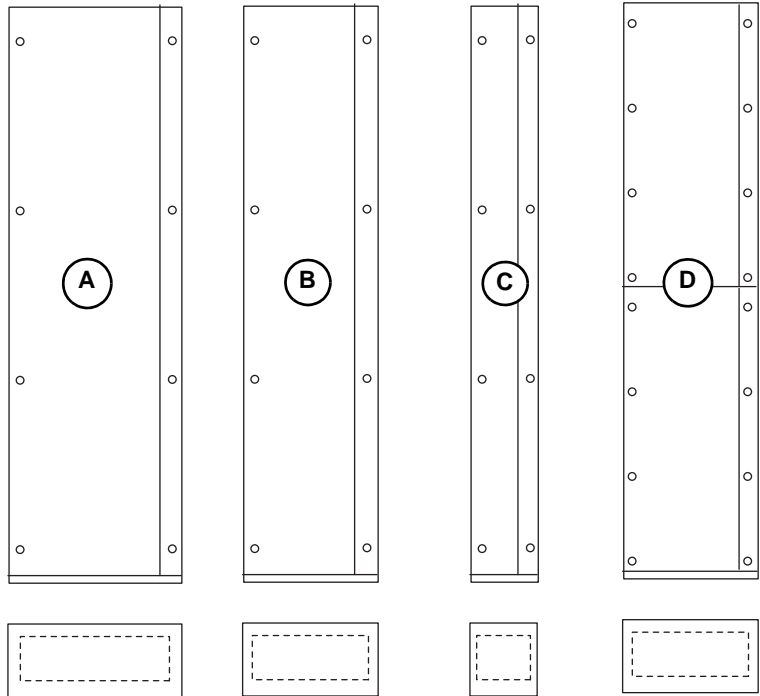
Space for third party equipment

Electrically or Mechanically Held Contactors
30 A–200 A

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

NOTE: Pole and amp ratings determine quantity of contactors per section of equipment space.

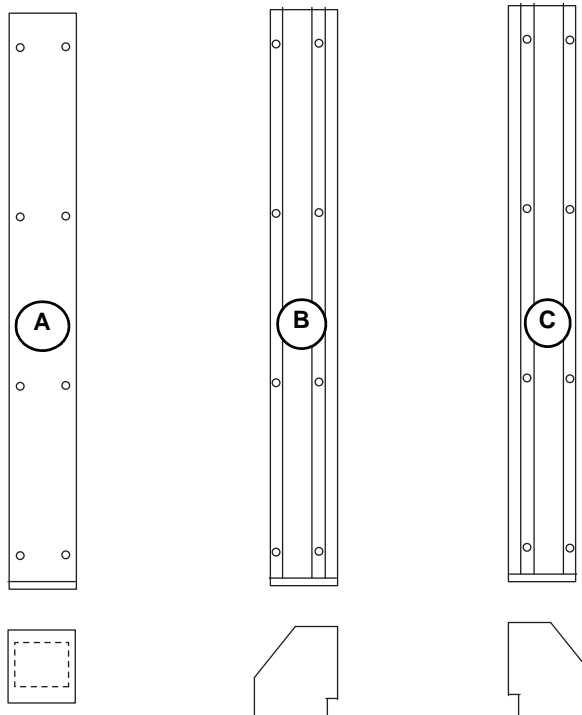
- A. Full Height 26 in. w x 86 in. h x 9.5 in. d
- B. Full Height 20 in. w x 86 in. h x 9.5 in. d
- C. Full Height 10 in. w x 86 in. h x 9.5 in. d
- D. Stacked 20 in. w x 86 in. h x 9.5 in. d



Wireways

Figure 12: Wireway and Corner Units

- A. Wireway
10 in. w x 86 in. h x 9.5 in. d
- B. Left Corner Unit
13.625 in. w x 86 in. h x 9.5 in. d
- C. Right Corner Unit
13.625 in. w x 86 in. h x 9.5 in. d



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