

F-frame

Table 9.111: QO™ Distribution Panel—240 Vac Max. Only Mounts in Type HCM, HCP, HCP-SU, or HCR-U I-Line panelboards, 30 A max. branch circuit breaker.

| Maximum No. 1-pole QO Circuit Breakers | Phase Connection | Mounting Height | | 2-pole Catalog Number | 3-pole Catalog Number |
|--|------------------|-----------------|-----|-----------------------|-----------------------|
| | | In. | mm | | |
| 6 | AB | 4.5 | 114 | HQO206AB | — |
| 6 | BC | 4.5 | 114 | HQO206BC | — |
| 6 | AC | 4.5 | 114 | HQO206AC | — |
| 6 | ABC | 4.5 | 114 | — | HQO306 |



FA/FH, 1-pole
1.5 in (38 mm)
Mounting Height



FA/FH, 2-pole
3 in (76 mm)
Mounting Height



FA/FH, 3-pole
4.5 in (114 mm)
Mounting Height

Table 9.112: Example: FJA, 20 A 1-pole, 277 Vac and 70 A 2- and 3-pole QB 240 Vac. Use phase option number for HD, HG, HJ, HL, JD, JG, JJ, JL, MG, and MJ.

| Phase Option Number | Phase Connection | 1-pole | 2-pole | 3-pole |
|---------------------|------------------|-----------|-----------|-----------|
| 1 | A | FJA140201 | — | — |
| 3 | B | FJA140203 | — | — |
| 5 | C | FJA140205 | — | — |
| 1 | AB | — | QBA220701 | — |
| 2 | AC | — | QBA220702 | — |
| 3 | BA | — | QBA220703 | — |
| 4 | BC | — | QBA220704 | — |
| 5 | CA | — | QBA220705 | — |
| 6 | CB | — | QBA220706 | — |
| Standard [1] | ABC | — | — | QBA32070 |
| 6 | CBA | — | — | QBA320706 |

Table 9.113: Example: FA, 30 A, 480 Vac. Use phase option letters for FH, FI, KI, LA, LH, LC, and LI.

| Phase Option Letter | 1-pole | 2-pole | 3-pole |
|---------------------|----------|-----------|------------|
| A | FA14035A | — | — |
| B | FA14035B | — | — |
| C | FA14035C | — | — |
| AB | — | FA24030AB | — |
| AC | — | FA24030AC | — |
| BC | — | FA24030BC | — |
| ABC | — | — | FA34030 |
| CBA | — | — | FA34030CBA |

Table 9.114: Interrupt Ratings (kA)

| | FA (240 V) | FA (480 V) | FJ |
|-------|------------|---------------------|----|
| 240 V | 10 | 18 (1P), 25 (2, 3P) | 65 |
| 277 V | — | 18 | 65 |
| 480 V | — | 18 | — |
| 600 V | — | — | — |

F-frame accessories starting on Supplemental Digest Section 3.

Table 9.115: F-frame—100 A, Thermal-magnetic (240 Vac)

| 40 A Ampere Rating | AC Magnetic Trip Settings | | FA22040() Standard Interrupting Catalog Number | Terminal Wire Range |
|----------------------------|---------------------------|------|--|--|
| | Hold | Trip | | |
| 2-pole, 240 Vac [2] | | | | |
| 15 A | 275 | 600 | FA22015() | AL50FA #14-#4 AWG Cu or #12-#4 AWG Al |
| 20 A | | | FA22020() | |
| 25 A | | | FA22025() | |
| 30 A | | | FA22030() | |
| 35 A | 400 | 850 | FA22035() | AL100FA #14-#1/0 AWG Cu or #12-#1/0 AWG Al |
| 45 A | 800 | 1450 | FA22045() | AL100FA #14-#1/0 AWG Cu or #12-#1/0 AWG Al |
| 50 A | | | FA22050() | |
| 60 A | | | FA22060() | |
| 70 A | | | FA22070() | |
| 80 A | | | FA22080() | |
| 90 A | | | FA22090() | |
| 100 A | 900 | 1700 | FA22100() | AL100FA #14-#1/0 AWG Cu or #12-#1/0 AWG Al |
| 3-pole, 240 Vac | | | | |
| 15 A | 275 | 600 | FA32015 | AL50FA #14-#4 AWG Cu or #12-#4 AWG Al |
| 20 A | | | FA32020 | |
| 25 A | | | FA32025 | |
| 30 A | | | FA32030 | |
| 35 A | 400 | 850 | FA32035 | AL100FA #14-#1/0 AWG Cu or #12-#1/0 AWG Al |
| 40 A | 800 | 1450 | FA32040 | AL100FA #14-#1/0 AWG Cu or #12-#1/0 AWG Al |
| 45 A | | | FA32045 | |
| 50 A | | | FA32050 | |
| 60 A | | | FA32060 | |
| 70 A | | | FA32070 | |
| 80 A | | | FA32080 | |
| 90 A | 900 | 1700 | FA32090 | AL100FA #14-#1/0 AWG Cu or #12-#1/0 AWG Al |
| 100 A | 900 | 1700 | FA32100 | AL100FA #14-#1/0 AWG Cu or #12-#1/0 AWG Al |

[1] The absence of a phase option number after a 3-pole catalog number will result in an ABC phase connection.

[2] 1- and 2-pole circuit breaker catalog numbers are completed by adding the required phase connection letters as a suffix.