

1 Phase Branch Devices—NEMA 3R Construction

Table 2.16: Branch Units—1Ø Incoming and 1Ø Outgoing

| System Type | Width (in.) | Number of Meter Sockets | Horizontal Cross Bus Rating and Bus Bar Material | Ring Type 4-Jaw Meter Socket without Bypass [23] | Ringless Type 5-Jaw Meter Socket without Bypass | Ringless Type 5-Jaw Meter Socket with Horn Bypass |
|---|-------------|-------------------------|--|--|---|---|
| 125 A Maximum (Order Type QO, QO-VH or QOH Circuit Breakers Separately) [24] | | | | | | |
| 1Ø3W 120/240 Vac 2P Branch Circuit Breakers | 12.25 | 3 | 800 A Al | EZM113125 [25] | EZMR113125 [25] | EZMH113125 [25] |
| | | | 1200 A Cu | EZM113125CUX | EZMR113125CUX | EZMH113125CUX |
| | | 4 | 800 A Al | EZM114125 [25] | EZMR114125 [25] | EZMH114125 [25] |
| | | | 1200 A Cu | EZM114125CUX | EZMR114125CUX | EZMH114125CUX |
| | | 5 | 800 A Al | EZM115125 [25] | EZMR115125 [25] | EZMH115125 [25] |
| | | | 1200 A Cu | EZM115125CUX | EZMR115125CUX | EZMH115125CUX |
| 6 | 800 A Al | EZM116125 [25] | EZMR116125 [25] | EZMH116125 [25] | | |
| | 1200 A Cu | EZM116125CUX | EZMR116125CUX | EZMH116125CUX | | |
| 225 A Maximum Branch Units (Order Type QBP-TM, QDP-TM, QGP-TM or QJP-TM Circuit Breakers Separately) [26] | | | | | | |
| 1Ø3W 120/240 Vac 2P Branch Circuit Breakers | 17.38 | 2 | 800 A Al | EZM112225 [25] | EZMR112225 [25] | EZMH112225 [25] |
| | | | 1200 A Cu | EZM112225CUX | EZMR112225CUX | EZMH112225CUX |
| | | 3 | 800 A Al | EZM113225 [25] | EZMR113225 [25] | EZMH113225 [25] |
| | | | 1200 A Cu | EZM113225CUX | EZMR113225CUX | EZMH113225CUX |
| | | 4 | 800 A Al | EZM114225 [25] | EZMR114225 [25] | EZMH114225 [25] |
| | | | 1200 A Cu | EZM114225CUX | EZMR114225CUX | EZMH114225CUX |
| | | 5 | 1200 A Al/Cu | EZM115225 | EZMR115225 | EZMH115225 |
| | | | 1200 A Cu | EZM115225CU | EZMR115225CU | EZMH115225CU |

Table 2.17: Branch Units—225 A Maximum Commercial (Order Type QBP-TM, QDP-TM, QGP-TM or QJP-TM Circuit Breakers Separately) [27]

| System Type | Number of Meter Sockets | Horizontal Cross Bus Rating and Bus Bar Material | Ringless Type 5-Jaw Meter Socket with Lever Bypass and Jaw Release | | Ring Type 5-Jaw Meter Socket with Test Block Bypass. Meets EUSERC Requirements | |
|--|-------------------------|--|--|-------------|--|-------------|
| | | | Cat. No. | Width (in.) | Cat. No. | Width (in.) |
| 1Ø3W 120/240 Vac 2P Branch Circuit Breakers | 1 | 1200 A Al/Cu | EZML111225 | 19.44 | EZMT111225 [28] | 22.42 |
| | | | EZML112225CU | | — | — |
| | | | EZML112225D [29] | | — | — |
| | 2 | 1200 A Al/Cu | EZML112225 | 19.44 | EZMT112225 [28] | 22.42 |
| | | | EZML112225CU | | — | — |
| | | | EZML112225D [29] | | — | — |
| | 3 | 1200 A Al/Cu | EZML113225 | 19.44 | EZMT113225 [28][30] | 22.42 |
| | | | EZML113225CU | | — | — |
| | | | EZML113225D [29] | | — | — |
| | 4 | 1200 A Al/Cu | EZML114225 | 19.44 | — | — |
| | | | EZML114225CU | | — | — |
| | | | EZML114225D [29] | | — | — |
| | | 1200 A Al/Cu | EZML114225D [29] | 19.44 | — | — |

Table 2.18: Branch Units—400 A Maximum Commercial

| System Type | Number of Meter Sockets | Main Cross Bus Rating and Bus Bar Material | Ringless Type 5-Jaw Meter Socket with Lever Bypass and Jaw Release. Includes Factory-Installed 400 A Type LJL Circuit Breaker [31] [32] | | Ringless Type K Bolt-on 4-Jaw Meter Socket with Manual Bypass. Includes Factory-Installed 400 A Type LJL Circuit Breaker [32] | |
|--|-------------------------|--|---|-------------|---|-------------|
| | | | Cat. No. | Width (in.) | Cat. No. | Width (in.) |
| 1Ø3W 120/240 Vac 2P Branch Circuit Breakers | 1 | 1200 A Cu | EZML111400 | 23.21 | EZMK111400 | 27.56 |
| | 2 | 1200 A Cu | EZML112400 | 23.21 | EZMK112400 | 27.56 |

[23] Snap-on aluminum sealing rings supplied as standard.
 [24] Supplied with removable drip hood and equipped with an indoor top endwall with knockouts provided.
 [25] For 1200 A main cross bus add suffix "X" to catalog number (Example: EZM314125X). Allow 6 weeks for delivery.
 [26] Type QO, QO-VH and QOH branch circuit breakers (40–60 A) may be installed with use of EZM125QOA adapter kits, see page 2-18.
 [27] 2P Type QO (40–125 A, 10 kA max. meter center SCCR) or QO-VH and QO-H (40–60 A, 100 kA max. meter center SCCR) may be installed using EZM125QOA adapter kit, see page 2-18.
 [28] Supplied with bondable neutral, suitable for use as service equipment. Use main lugs terminal box type EZM-TBU for Six Disconnect Rule applications to feed this device. Supplied with copper horizontal bus bars and aluminum vertical bus bars.
 [29] Supplied with removable drip hood and equipped with an indoor top endwall with knockouts provided.
 [30] Does not meet EUSERC 48 in. minimum / 75 in. maximum meter height requirements for outdoor installations. The bottom meter socket is 37 inches above ground when the device is mounted with the top meter socket at 75 inches above ground. EUSERC indoor requirements are 36 in. minimum / 75 in. maximum.
 [31] Supplied with Class 320 lever bypass meter socket. Utilizes anti-inversion clip kit MMLRK, if required, refer to page 2-18.
 [32] LJL circuit breaker has adjustable trip settings from 125-400 A. Use seal kit MICROTUSEAL, if required. LJL circuit breaker terminal lug kit factory-installed and accommodates (2) 2/0-500 kcmil Cu-Al per phase. Alternate lug kit AL400L61K3 for LJL circuit breaker is available, see page 2-18.