

PowerPact™ M-, P- and R-Frame, and Compact™ NS630b–NS3200 Circuit Breakers
Section 4—PowerPact P-Frame Molded Case Circuit Breakers

Catalog Numbers

Table 37: UL/IEC Rated, Unit-Mount¹, Manually-Operated, Standard-Rated Electronic Trip Circuit Breakers with Basic Electronic Trip and Micrologic™ Electronic Trip Unit

| Trip Unit | | Circuit Breaker Catalog Number ² | | | | | |
|--|---|---|----------------|----------------|----------------|----------------|----------------|
| | | Current Rating (Sensor Rating) | | | | | |
| | Type | 250 A ³ | 400 A | 600 A | 800 A | 1000 A | 1200 A |
| Basic Electronic Trip Unit (Not Interchangeable) | ET1.0I | — | — | PGL36060 | PGL36080 | PGL36100 | PGL36120 |
| | 2P ⁴ , 3P | — | — | PJL36060 | PJL36080 | PJL36100 | PJL36120 |
| | Fixed | — | — | PKL36060 | PKL36080 | PKL36100 | PKL36120 |
| | Long-time | — | — | PLL34060 | PLL34080 | PLL34100 | PLL34120 |
| Micrologic Interchangeable Standard Trip Unit | 3.0 (LI) 3P, 4P ⁵ (G & K only) | PGL36025U31A | PGL36040U31A | PGL36060U31A | PGL36080U31A | PGL36100U31A | PGL36120U31A |
| | | PJL36025U31A | PJL36040U31A | PJL36060U31A | PJL36080U31A | PJL36100U31A | PJL36120U31A |
| | | PKL36025U31A | PKL36040U31A | PKL36060U31A | PKL36080U31A | PKL36100U31A | PKL36120U31A |
| | | PLL34025U31A | PLL34040U31A | PLL34060U31A | PLL34080U31A | PLL34100U31A | PLL34120U31A |
| | 5.0 (LSI) 3P 4P ⁵ (G & K only) | PGL36025U33A | PGL36040U33A | PGL36060U33A | PGL36080U33A | PGL36100U33A | PGL36120U33A |
| | | PJL36025U33A | PJL36040U33A | PJL36060U33A | PJL36080U33A | PJL36100U33A | PJL36120U33A |
| | | PKL36025U33A | PKL36040U33A | PKL36060U33A | PKL36080U33A | PKL36100U33A | PKL36120U33A |
| | | PLL34025U33A | PLL34040U33A | PLL34060U33A | PLL34080U33A | PLL34100U33A | PLL34120U33A |
| Micrologic Interchangeable Ammeter Trip Unit ⁶ | 3.0A (LI) 3P 4P ⁵ (G & K only) | PGL36025U41A | PGL36040U41A | PGL36060U41A | PGL36080U41A | PGL36100U41A | PGL36120U41A |
| | | PJL36025U41A | PJL36040U41A | PJL36060U41A | PJL36080U41A | PJL36100U41A | PJL36120U41A |
| | | PKL36025U41A | PKL36040U41A | PKL36060U41A | PKL36080U41A | PKL36100U41A | PKL36120U41A |
| | | PLL34025U41A | PLL34040U41A | PLL34060U41A | PLL34080U41A | PLL34100U41A | PLL34120U41A |
| | 5.0A (LSI) 3P 4P ⁵ (G & K only) | PGL36025U43A | PGL36040U43A | PGL36060U43A | PGL36080U43A | PGL36100U43A | PGL36120U43A |
| | | PJL36025U43A | PJL36040U43A | PJL36060U43A | PJL36080U43A | PJL36100U43A | PJL36120U43A |
| | | PKL36025U43A | PKL36040U43A | PKL36060U43A | PKL36080U43A | PKL36100U43A | PKL36120U43A |
| | | PLL34025U43A | PLL34040U43A | PLL34060U43A | PLL34080U43A | PLL34100U43A | PLL34120U43A |
| | 6.0A (LSIG) 3P 4P ⁵ (G & K only) | PGL36025U44A | PGL36040U44A | PGL36060U44A | PGL36080U44A | PGL36100U44A | PGL36120U44A |
| | | PJL36025U44A | PJL36040U44A | PJL36060U44A | PJL36080U44A | PJL36100U44A | PJL36120U44A |
| | | PKL36025U44A | PKL36040U44A | PKL36060U44A | PKL36080U44A | PKL36100U44A | PKL36120U44A |
| | | PLL34025U44A | PLL34040U44A | PLL34060U44A | PLL34080U44A | PLL34100U44A | PLL34120U44A |
| Micrologic Interchangeable Power Trip Unit with Modbus® Communications | 5.0P (LSI) 3P 4P ⁵ (G & K only) | PGL36025U63AE1 | PGL36040U63AE1 | PGL36060U63AE1 | PGL36080U63AE1 | PGL36100U63AE1 | PGL36120U63AE1 |
| | | PJL36025U63AE1 | PJL36040U63AE1 | PJL36060U63AE1 | PJL36080U63AE1 | PJL36100U63AE1 | PJL36120U63AE1 |
| | | PKL36025U63AE1 | PKL36040U63AE1 | PKL36060U63AE1 | PKL36080U63AE1 | PKL36100U63AE1 | PKL36120U63AE1 |
| | | PLL34025U63AE1 | PLL34040U63AE1 | PLL34060U63AE1 | PLL34080U63AE1 | PLL34100U63AE1 | PLL34120U63AE1 |
| | 6.0P (LSIG) 3P 4P ⁵ (G & K only) | PGL36025U64AE1 | PGL36040U64AE1 | PGL36060U64AE1 | PGL36080U64AE1 | PGL36100U64AE1 | PGL36120U64AE1 |
| | | PJL36025U64AE1 | PJL36040U64AE1 | PJL36060U64AE1 | PJL36080U64AE1 | PJL36100U64AE1 | PJL36120U64AE1 |
| | | PKL36025U64AE1 | PKL36040U64AE1 | PKL36060U64AE1 | PKL36080U64AE1 | PKL36100U64AE1 | PKL36120U64AE1 |
| | | PLL34025U64AE1 | PLL34040U64AE1 | PLL34060U64AE1 | PLL34080U64AE1 | PLL34100U64AE1 | PLL34120U64AE1 |
| Micrologic Interchangeable Harmonic Trip Unit with Modbus Communications | 5.0H (LSI) 3P 4P ⁵ (G & K only) | PGL36025U73AE1 | PGL36040U73AE1 | PGL36060U73AE1 | PGL36080U73AE1 | PGL36100U73AE1 | PGL36120U73AE1 |
| | | PJL36025U73AE1 | PJL36040U73AE1 | PJL36060U73AE1 | PJL36080U73AE1 | PJL36100U73AE1 | PJL36120U73AE1 |
| | | PKL36025U73AE1 | PKL36040U73AE1 | PKL36060U73AE1 | PKL36080U73AE1 | PKL36100U73AE1 | PKL36120U73AE1 |
| | | PLL34025U73AE1 | PLL34040U73AE1 | PLL34060U73AE1 | PLL34080U73AE1 | PLL34100U73AE1 | PLL34120U73AE1 |
| | 6.0H (LSIG) 3P 4P ⁵ (G & K only) | PGL36025U74AE1 | PGL36040U74AE1 | PGL36060U74AE1 | PGL36080U74AE1 | PGL36100U74AE1 | PGL36120U74AE1 |
| | | PJL36025U74AE1 | PJL36040U74AE1 | PJL36060U74AE1 | PJL36080U74AE1 | PJL36100U74AE1 | PJL36120U74AE1 |
| | | PKL36025U74AE1 | PKL36040U74AE1 | PKL36060U74AE1 | PKL36080U74AE1 | PKL36100U74AE1 | PKL36120U74AE1 |
| | | PLL34025U74AE1 | PLL34040U74AE1 | PLL34060U74AE1 | PLL34080U74AE1 | PLL34100U74AE1 | PLL34120U74AE1 |

1 Catalog numbers are for circuit breakers with lugs on line and load ends. Consult the *Product Selector* for catalog numbers for circuit breakers with alternate terminations.
2 The L interrupting rating at 600 Vac is 25 kA.
3 250 A is not available as a 4 pole circuit breaker.
4 For 2P, replace the leading 3 in the catalog number following the prefix with a 2 (PGL36025 becomes PGL₂6025.)
5 For 4P (available in G and K interrupting levels only), replace the leading 3 in the catalog number following the prefix with a 4 (PGL36040U31A becomes PGL₄6040U31A).
6 Add E1 suffix for Modbus communications.

PowerPact™ M-, P- and R-Frame, and Compact™ NS630b–NS3200 Circuit Breakers
Section 4—PowerPact P-Frame Molded Case Circuit Breakers

Table 38: UL/IEC Rated, Unit-Mount¹, Manually-Operated, 100%-Rated Electronic Trip Circuit Breakers with Micrologic™ Electronic Trip Units

| Trip Unit, Interchangeable 3P, 4P | Circuit Breaker Catalog Number ² | | | | | |
|---|---|-----------------|-----------------|-----------------|-----------------|-----------------|
| | Current Rating (Sensor Rating) | | | | | |
| Type | 250 A ³ | 400 A | 600 A | 800 A | 1000 A | 1200 A |
| Micrologic Interchangeable Standard Trip Unit | | | | | | |
| 3.0 (LI) 3P 4P ⁴ (G & K only) | PGL36025CU31A | PGL36040CU31A | PGL36060CU31A | PGL36080CU31A | PGL36100CU31A | PGL36120CU31A |
| | PJL36025CU31A | PJL36040CU31A | PJL36060CU31A | PJL36080CU31A | PJL36100CU31A | PJL36120CU31A |
| | PKL36025CU31A | PKL36040CU31A | PKL36060CU31A | PKL36080CU31A | PKL36100CU31A | PKL36120CU31A |
| | PLL34025CU31A | PLL34040CU31A | PLL34060CU31A | PLL34080CU31A | PLL34100CU31A | PLL34120CU31A |
| 5.0 (LSI) 3P 4P ⁴ (G & K only) | PGL36025CU33A | PGL36040CU33A | PGL36060CU33A | PGL36080CU33A | PGL36100CU33A | PGL36120CU33A |
| | PJL36025CU33A | PJL36040CU33A | PJL36060CU33A | PJL36080CU33A | PJL36100CU33A | PJL36120CU33A |
| | PKL36025CU33A | PKL36040CU33A | PKL36060CU33A | PKL36080CU33A | PKL36100CU33A | PKL36120CU33A |
| | PLL34025CU33A | PLL34040CU33A | PLL34060CU33A | PLL34080CU33A | PLL34100CU33A | PLL34120CU33A |
| Micrologic Interchangeable Ammeter Trip Unit⁵ | | | | | | |
| 3.0A (LI) 3P 4P ⁴ (G & K only) | PGL36025CU41A | PGL36040CU41A | PGL36060CU41A | PGL36080CU41A | PGL36100CU41A | PGL36120CU41A |
| | PJL36025CU41A | PJL36040CU41A | PJL36060CU41A | PJL36080CU41A | PJL36100CU41A | PJL36120CU41A |
| | PKL36025CU41A | PKL36040CU41A | PKL36060CU41A | PKL36080CU41A | PKL36100CU41A | PKL36120CU41A |
| | PLL34025CU41A | PLL34040CU41A | PLL34060CU41A | PLL34080CU41A | PLL34100CU41A | PLL34120CU41A |
| 5.0A (LSI) 3P 4P ⁴ (G & K only) | PGL36025CU43A | PGL36040CU43A | PGL36060CU43A | PGL36080CU43A | PGL36100CU43A | PGL36120CU43A |
| | PJL36025CU43A | PJL36040CU43A | PJL36060CU43A | PJL36080CU43A | PJL36100CU43A | PJL36120CU43A |
| | PKL36025CU43A | PKL36040CU43A | PKL36060CU43A | PKL36080CU43A | PKL36100CU43A | PKL36120CU43A |
| | PLL34025CU43A | PLL34040CU43A | PLL34060CU43A | PLL34080CU43A | PLL34100CU43A | PLL34120CU43A |
| 6.0A (LSIG) 3P 4P ⁴ (G & K only) | PGL36025CU44A | PGL36040CU44A | PGL36060CU44A | PGL36080CU44A | PGL36100CU44A | PGL36120CU44A |
| | PJL36025CU44A | PJL36040CU44A | PJL36060CU44A | PJL36080CU44A | PJL36100CU44A | PJL36120CU44A |
| | PKL36025CU44A | PKL36040CU44A | PKL36060CU44A | PKL36080CU44A | PKL36100CU44A | PKL36120CU44A |
| | PLL34025CU44A | PLL34040CU44A | PLL34060CU44A | PLL34080CU44A | PLL34100CU44A | PLL34120CU44A |
| Micrologic Interchangeable Power Trip Unit with Modbus® Communications | | | | | | |
| 5.0P (LSI) 3P 4P ⁴ (G & K only) | PGL36025CU63AE1 | PGL36040CU63AE1 | PGL36060CU63AE1 | PGL36080CU63AE1 | PGL36100CU63AE1 | PGL36120CU63AE1 |
| | PJL36025CU63AE1 | PJL36040CU63AE1 | PJL36060CU63AE1 | PJL36080CU63AE1 | PJL36100CU63AE1 | PJL36120CU63AE1 |
| | PKL36025CU63AE1 | PKL36040CU63AE1 | PKL36060CU63AE1 | PKL36080CU63AE1 | PKL36100CU63AE1 | PKL36120CU63AE1 |
| | PLL34025CU63AE1 | PLL34040CU63AE1 | PLL34060CU63AE1 | PLL34080CU63AE1 | PLL34100CU63AE1 | PLL34120CU63AE1 |
| 6.0P (LSIG) 3P 4P ⁴ (G & K only) | PGL36025CU64AE1 | PGL36040CU64AE1 | PGL36060CU64AE1 | PGL36080CU64AE1 | PGL36100CU64AE1 | PGL36120CU64AE1 |
| | PJL36025CU64AE1 | PJL36040CU64AE1 | PJL36060CU64AE1 | PJL36080CU64AE1 | PJL36100CU64AE1 | PJL36120CU64AE1 |
| | PKL36025CU64AE1 | PKL36040CU64AE1 | PKL36060CU64AE1 | PKL36080CU64AE1 | PKL36100CU64AE1 | PKL36120CU64AE1 |
| | PLL34025CU64AE1 | PLL34040CU64AE1 | PLL34060CU64AE1 | PLL34080CU64AE1 | PLL34100CU64AE1 | PLL34120CU64AE1 |
| Micrologic Interchangeable Harmonic Trip Unit with Modbus Communications | | | | | | |
| 5.0H (LSI) 3P 4P ⁴ (G & K only) | PGL36025CU73AE1 | PGL36040CU73AE1 | PGL36060CU73AE1 | PGL36080CU73AE1 | PGL36100CU73AE1 | PGL36120CU73AE1 |
| | PJL36025CU73AE1 | PJL36040CU73AE1 | PJL36060CU73AE1 | PJL36080CU73AE1 | PJL36100CU73AE1 | PJL36120CU73AE1 |
| | PKL36025CU73AE1 | PKL36040CU73AE1 | PKL36060CU73AE1 | PKL36080CU73AE1 | PKL36100CU73AE1 | PKL36120CU73AE1 |
| | PLL34025CU73AE1 | PLL34040CU73AE1 | PLL34060CU73AE1 | PLL34080CU73AE1 | PLL34100CU73AE1 | PLL34120CU73AE1 |
| 6.0H (LSIG) 3P 4P ⁴ (G & K only) | PGL36025CU74AE1 | PGL36040CU74AE1 | PGL36060CU74AE1 | PGL36080CU74AE1 | PGL36100CU74AE1 | PGL36120CU74AE1 |
| | PJL36025CU74AE1 | PJL36040CU74AE1 | PJL36060CU74AE1 | PJL36080CU74AE1 | PJL36100CU74AE1 | PJL36120CU74AE1 |
| | PKL36025CU74AE1 | PKL36040CU74AE1 | PKL36060CU74AE1 | PKL36080CU74AE1 | PKL36100CU74AE1 | PKL36120CU74AE1 |
| | PLL34025CU74AE1 | PLL34040CU74AE1 | PLL34060CU74AE1 | PLL34080CU74AE1 | PLL34100CU74AE1 | PLL34120CU74AE1 |

¹ Catalog numbers are for circuit breakers with lugs on line and load ends. Consult the product selector for catalog numbers for circuit breakers with alternate terminations.
² The L interrupting rating at 600 Vac is 25 kA.
³ 250 A is not available as a 4 pole circuit breaker.
⁴ For 4P (available in G and K interrupting levels only), replace the leading 3 in the catalog number following the prefix with a 4 (PGL36040CU31A becomes PGL46040CU31A).
⁵ Add E1 suffix for Modbus communications.

PowerPact™ M-, P- and R-Frame, and Compact™ NS630b–NS3200 Circuit Breakers

Section 4—PowerPact P-Frame Molded Case Circuit Breakers

Table 39: UL/IEC Rated, I-Line, Manually-Operated, Standard-Rated Electronic Trip Circuit Breakers with Basic Electronic Trip and Micrologic™ Electronic Trip Units

| Trip Unit | | Circuit Breaker Catalog Number ¹ | | | | | |
|--|----------------------|---|----------------|----------------|----------------|----------------|----------------|
| | | Current Rating (Sensor Rating) | | | | | |
| | Type ² | 250 A | 400 A | 600 A | 800 A | 1000 A | 1200 A |
| Basic Electronic Trip Unit Not Interchangeable | ET1.0I | — | — | PGA36060 | PGA36080 | PGA36100 | PGA36120 |
| | 2P ³ , 3P | — | — | PJA36060 | PJA36080 | PJA36100 | PJA36120 |
| | Fixed | — | — | PKA36060 | PKA36080 | PKA36100 | PKA36120 |
| | Long-time | — | — | PLA34060 | PLA34080 | PLA34100 | PLA34120 |
| Micrologic Interchangeable Standard Trip Unit | 3.0 (LI) 3P | PGA36025U31A | PGA36040U31A | PGA36060U31A | PGA36080U31A | PGA36100U31A | PGA36120U31A |
| | | PJA36025U31A | PJA36040U31A | PJA36060U31A | PJA36080U31A | PJA36100U31A | PJA36120U31A |
| | | PKA36025U31A | PKA36040U31A | PKA36060U31A | PKA36080U31A | PKA36100U31A | PKA36120U31A |
| | | PLA34025U31A | PLA34040U31A | PLA34060U31A | PLA34080U31A | PLA34100U31A | PLA34120U31A |
| | 5.0 (LSI) 3P | PGA36025U33A | PGA36040U33A | PGA36060U33A | PGA36080U33A | PGA36100U33A | PGA36120U33A |
| | | PJA36025U33A | PJA36040U33A | PJA36060U33A | PJA36080U33A | PJA36100U33A | PJA36120U33A |
| | | PKA36025U33A | PKA36040U33A | PKA36060U33A | PKA36080U33A | PKA36100U33A | PKA36120U33A |
| | | PLA34025U33A | PLA34040U33A | PLA34060U33A | PLA34080U33A | PLA34100U33A | PLA34120U33A |
| Micrologic Interchangeable Ammeter Trip Unit ⁴ | 3.0A (LI) 3P | PGA36025U41A | PGA36040U41A | PGA36060U41A | PGA36080U41A | PGA36100U41A | PGA36120U41A |
| | | PJA36025U41A | PJA36040U41A | PJA36060U41A | PJA36080U41A | PJA36100U41A | PJA36120U41A |
| | | PKA36025U41A | PKA36040U41A | PKA36060U41A | PKA36080U41A | PKA36100U41A | PKA36120U41A |
| | | PLA34025U41A | PLA34040U41A | PLA34060U41A | PLA34080U41A | PLA34100U41A | PLA34120U41A |
| | 5.0A (LSI) 3P | PGA36025U43A | PGA36040U43A | PGA36060U43A | PGA36080U43A | PGA36100U43A | PGA36120U43A |
| | | PJA36025U43A | PJA36040U43A | PJA36060U43A | PJA36080U43A | PJA36100U43A | PJA36120U43A |
| | | PKA36025U43A | PKA36040U43A | PKA36060U43A | PKA36080U43A | PKA36100U43A | PKA36120U43A |
| | | PLA34025U43A | PLA34040U43A | PLA34060U43A | PLA34080U43A | PLA34100U43A | PLA34120U43A |
| 6.0A (LSIG) 3P | PGA36025U44A | PGA36040U44A | PGA36060U44A | PGA36080U44A | PGA36100U44A | PGA36120U44A | |
| | PJA36025U44A | PJA36040U44A | PJA36060U44A | PJA36080U44A | PJA36100U44A | PJA36120U44A | |
| | PKA36025U44A | PKA36040U44A | PKA36060U44A | PKA36080U44A | PKA36100U44A | PKA36120U44A | |
| | PLA34025U44A | PLA34040U44A | PLA34060U44A | PLA34080U44A | PLA34100U44A | PLA34120U44A | |
| Micrologic Interchangeable Power Trip Unit with Modbus® Communications | 5.0P (LSI) 3P | PGA36025U63AE1 | PGA36040U63AE1 | PGA36060U63AE1 | PGA36080U63AE1 | PGA36100U63AE1 | PGA36120U63AE1 |
| | | PJA36025U63AE1 | PJA36040U63AE1 | PJA36060U63AE1 | PJA36080U63AE1 | PJA36100U63AE1 | PJA36120U63AE1 |
| | | PKA36025U63AE1 | PKA36040U63AE1 | PKA36060U63AE1 | PKA36080U63AE1 | PKA36100U63AE1 | PKA36120U63AE1 |
| | | PLA34025U63AE1 | PLA34040U63AE1 | PLA34060U63AE1 | PLA34080U63AE1 | PLA34100U63AE1 | PLA34120U63AE1 |
| | 6.0P (LSIG) 3P | PGA36025U64AE1 | PGA36040U64AE1 | PGA36060U64AE1 | PGA36080U64AE1 | PGA36100U64AE1 | PGA36120U64AE1 |
| | | PJA36025U64AE1 | PJA36040U64AE1 | PJA36060U64AE1 | PJA36080U64AE1 | PJA36100U64AE1 | PJA36120U64AE1 |
| | | PKA36025U64AE1 | PKA36040U64AE1 | PKA36060U64AE1 | PKA36080U64AE1 | PKA36100U64AE1 | PKA36120U64AE1 |
| | | PLA34025U64AE1 | PLA34040U64AE1 | PLA34060U64AE1 | PLA34080U64AE1 | PLA34100U64AE1 | PLA34120U64AE1 |
| Micrologic Interchangeable Harmonic Trip Unit with Modbus Communications | 5.0H (LSI) 3P | PGA36025U73AE1 | PGA36040U73AE1 | PGA36060U73AE1 | PGA36080U73AE1 | PGA36100U73AE1 | PGA36120U73AE1 |
| | | PJA36025U73AE1 | PJA36040U73AE1 | PJA36060U73AE1 | PJA36080U73AE1 | PJA36100U73AE1 | PJA36120U73AE1 |
| | | PKA36025U73AE1 | PKA36040U73AE1 | PKA36060U73AE1 | PKA36080U73AE1 | PKA36100U73AE1 | PKA36120U73AE1 |
| | | PLA34025U73AE1 | PLA34040U73AE1 | PLA34060U73AE1 | PLA34080U73AE1 | PLA34100U73AE1 | PLA34120U73AE1 |
| | 6.0H (LSIG) 3P | PGA36025U74AE1 | PGA36040U74AE1 | PGA36060U74AE1 | PGA36080U74AE1 | PGA36100U74AE1 | PGA36120U74AE1 |
| | | PJA36025U74AE1 | PJA36040U74AE1 | PJA36060U74AE1 | PJA36080U74AE1 | PJA36100U74AE1 | PJA36120U74AE1 |
| | | PKA36025U74AE1 | PKA36040U74AE1 | PKA36060U74AE1 | PKA36080U74AE1 | PKA36100U74AE1 | PKA36120U74AE1 |
| | | PLA34025U74AE1 | PLA34040U74AE1 | PLA34060U74AE1 | PLA34080U74AE1 | PLA34100U74AE1 | PLA34120U74AE1 |

¹ The L interrupting rating at 600 Vac is 25 kA.

² For 3P, no suffix is for ABC phasing (standard offer), or use 6 for CBA phasing (option).

³ For 2P, replace the leading 3 in the catalog number following the prefix with a 2 (PGA36025 becomes PGA26025). Add the suffix 2 for AC phasing (standard offer), or use 5 for CA phasing (option).

⁴ Add E1 suffix for Modbus communications.

PowerPact™ M-, P- and R-Frame, and Compact™ NS630b–NS3200 Circuit Breakers

Section 4—PowerPact P-Frame Molded Case Circuit Breakers

Table 40: UL/IEC Rated, I-Line, Manually-Operated, 100%-Rated Electronic Trip Circuit Breakers with Micrologic™ Electronic Trip Units

| Trip Unit, Interchangeable | | Circuit Breaker ¹ | | | |
|--|-------------------|--------------------------------|-----------------|-----------------|-----------------|
| | | Current Rating (Sensor Rating) | | | |
| | Type ² | 250 A | 400 A | 600 A | 800 A |
| Micrologic Interchangeable Standard Trip Unit | 3.0 (LI) 3P | PGA36025CU31A | PGA36040CU31A | PGA36060CU31A | PGA36080CU31A |
| | | PJA36025CU31A | PJA36040CU31A | PJA36060CU31A | PJA36080CU31A |
| | | PKA36025CU31A | PKA36040CU31A | PKA36060CU31A | PKA36080CU31A |
| | | PLA34025CU31A | PLA34040CU31A | PLA34060CU31A | PLA34080CU31A |
| | 5.0 (LSI) 3P | PGA36025CU33A | PGA36040CU33A | PGA36060CU33A | PGA36080CU33A |
| | | PJA36025CU33A | PJA36040CU33A | PJA36060CU33A | PJA36080CU33A |
| | | PKA36025CU33A | PKA36040CU33A | PKA36060CU33A | PKA36080CU33A |
| | | PLA34025CU33A | PLA34040CU33A | PLA34060CU33A | PLA34080CU33A |
| Micrologic Interchangeable Ammeter Trip Unit ³ | 3.0A (LI) 3P | PGA36025CU41A | PGA36040CU41A | PGA36060CU41A | PGA36080CU41A |
| | | PJA36025CU41A | PJA36040CU41A | PJA36060CU41A | PJA36080CU41A |
| | | PKA36025CU41A | PKA36040CU41A | PKA36060CU41A | PKA36080CU41A |
| | | PLA34025CU41A | PLA34040CU41A | PLA34060CU41A | PLA34080CU41A |
| | 5.0A (LSI) 3P | PGA36025CU43A | PGA36040CU43A | PGA36060CU43A | PGA36080CU43A |
| | | PJA36025CU43A | PJA36040CU43A | PJA36060CU43A | PJA36080CU43A |
| | | PKA36025CU43A | PKA36040CU43A | PKA36060CU43A | PKA36080CU43A |
| | | PLA34025CU43A | PLA34040CU43A | PLA34060CU43A | PLA34080CU43A |
| | 6.0A (LSIG) 3P | PGA36025CU44A | PGA36040CU44A | PGA36060CU44A | PGA36080CU44A |
| | | PJA36025CU44A | PJA36040CU44A | PJA36060CU44A | PJA36080CU44A |
| | | PKA36025CU44A | PKA36040CU44A | PKA36060CU44A | PKA36080CU44A |
| | | PLA34025CU44A | PLA34040CU44A | PLA34060CU44A | PLA34080CU44A |
| Micrologic Interchangeable Power Trip Unit with Modbus [®] Communications | 5.0P (LSI) 3P | PGA36025CU63AE1 | PGA36040CU63AE1 | PGA36060CU63AE1 | PGA36080CU63AE1 |
| | | PJA36025CU63AE1 | PJA36040CU63AE1 | PJA36060CU63AE1 | PJA36080CU63AE1 |
| | | PKA36025CU63AE1 | PKA36040CU63AE1 | PKA36060CU63AE1 | PKA36080CU63AE1 |
| | | PLA34025CU63AE1 | PLA34040CU63AE1 | PLA34060CU63AE1 | PLA34080CU63AE1 |
| | 6.0P (LSIG) 3P | PGA36025CU64AE1 | PGA36040CU64AE1 | PGA36060CU64AE1 | PGA36080CU64AE1 |
| | | PJA36025CU64AE1 | PJA36040CU64AE1 | PJA36060CU64AE1 | PJA36080CU64AE1 |
| | | PKA36025CU64AE1 | PKA36040CU64AE1 | PKA36060CU64AE1 | PKA36080CU64AE1 |
| | | PLA34025CU64AE1 | PLA34040CU64AE1 | PLA34060CU64AE1 | PLA34080CU64AE1 |
| Micrologic Interchangeable Harmonic Trip Unit with Modbus Communications | 5.0H (LSI) 3P | PGA36025CU73AE1 | PGA36040CU73AE1 | PGA36060CU73AE1 | PGA36080CU73AE1 |
| | | PJA36025CU73AE1 | PJA36040CU73AE1 | PJA36060CU73AE1 | PJA36080CU73AE1 |
| | | PKA36025CU73AE1 | PKA36040CU73AE1 | PKA36060CU73AE1 | PKA36080CU73AE1 |
| | | PLA34025CU73AE1 | PLA34040CU73AE1 | PLA34060CU73AE1 | PLA34080CU73AE1 |
| | 6.0H (LSIG) 3P | PGA36025CU74AE1 | PGA36040CU74AE1 | PGA36060CU74AE1 | PGA36080CU74AE1 |
| | | PJA36025CU74AE1 | PJA36040CU74AE1 | PJA36060CU74AE1 | PJA36080CU74AE1 |
| | | PKA36025CU74AE1 | PKA36040CU74AE1 | PKA36060CU74AE1 | PKA36080CU74AE1 |
| | | PLA34025CU74AE1 | PLA34040CU74AE1 | PLA34060CU74AE1 | PLA34080CU74AE1 |

¹ The L interrupting rating at 600 Vac is 25 kA.

² No suffix is for ABC phasing (standard offer), or use 6 for CBA phasing (option).

³ Add E1 suffix for Modbus communications.

Table 41: P-Frame Termination Options

F = No Lugs (Includes terminal nut kit on both ends)
 L = Lugs both ends
 M = Lugs I/ON end, terminal nut kit O/OFF end
 P = Lugs O/OFF end, terminal nut kit I/ON end
 D = Drawout
 A = I-Line

For factory-installed termination, place termination letter in the third block of the circuit breaker catalog number.

P, G, L, 3, 6, 0, 4, 0, U, 4, 1, A
 └ Termination Letter

Table 42: P-Frame Interrupting Ratings

| Voltage | P-Frame Interrupting Rating | | | |
|---------|-----------------------------|--------|-------|--------|
| | G | J | K | L |
| 240 Vac | 65 kA | 100 kA | 65 kA | 125 kA |
| 480 Vac | 35 kA | 65 kA | 50 kA | 100 kA |
| 600 Vac | 18 kA | 25 kA | 50 kA | 25 kA |

PowerPact™ M-, P- and R-Frame, and Compact™ NS630b–NS3200 Circuit Breakers
Section 4—PowerPact P-Frame Molded Case Circuit Breakers

Continuous Current Rating

All circuit breakers marked as 100% rated can be continuously loaded to 100% of their rating.

Because of additional heat generated when applying circuit breakers at 100% of continuous current rating, the use of specially-designed enclosures and 90°C (194°F) wire is required. The 90°C (194°F) wire must be sized according to the ampacity of the 75°C (167°F) wire column in the NEC. Minimum enclosure size and ventilation specifications are indicated on the circuit breaker and in its instruction bulletin and in Table 5 on page 11.

Circuit breakers with 100% rating can also be used in applications requiring only 80% continuous loading.

Interrupting Ratings

Table 43: Interrupting Ratings

| Mounting | Circuit Breaker | Ampere Rating (A) | | Interrupting Ratings | | | | | | |
|----------------------|-----------------|-----------------------------|--------------------------------|----------------------|---------|--------------------|-------------|-------|-------------|-------|
| | | Basic Electronic Trip Units | Micrologic™ Trip Units | UL/CSA/NMX | | | IEC 60947-2 | | | |
| | | | | 240 Vac | 480 Vac | 600 Vac | 240 Vac | | 380/415 Vac | |
| | | | | | | | Icu | Ics | Icu | Ics |
| Individually-Mounted | PG | 600, 800, 1000, 1200 | 250, 400, 600, 800, 1000, 1200 | 65 kA | 35 kA | 18 kA | 50 kA | 25 kA | 35 kA | 20 kA |
| | PJ | | | 100 kA | 65 kA | 25 kA | 65 kA | 35 kA | 50 kA | 25 kA |
| | PK | | | 65 kA | 50 kA | 50 kA ¹ | 50 kA | 25 kA | 50 kA | 25 kA |
| | PL | | | 125 kA | 100 kA | 25 kA ¹ | 125 kA | 65 kA | 85 kA | 45 kA |
| I-Line™ | PG | 600, 800, 1000, 1200 | 250, 400, 600, 800, 1000, 1200 | 65 kA | 35 kA | 18 kA | 50 kA | 25 kA | 35 kA | 20 kA |
| | PJ | | | 100 kA | 65 kA | 25 kA | 65 kA | 35 kA | 50 kA | 25 kA |
| | PK | | | 65 kA | 50 kA | 50 kA ¹ | 50 kA | 25 kA | 50 kA | 25 kA |
| | PL | | | 125 kA | 100 kA | 25 kA ¹ | 125 kA | 65 kA | 85 kA | 45 kA |

¹ Non-standard AIR.