

### Types PCG, PCGA, PCCG, PCCGA SELTRONIC with Built-In Ground Fault Protection Accessories and Modifications

PC breakers are not UL Listed.

#### Field-Mountable Attachments <sup>①②③</sup>

| Description                                                                                                                               | Style Number      |
|-------------------------------------------------------------------------------------------------------------------------------------------|-------------------|
| <b>Provision to trip flux transfer shunt trip from external source</b><br>32 to 120 Vdc to 60 Hz <sup>④</sup>                             | <b>1372D35G22</b> |
| 240 to 600 Vac, 50/60 Hz <sup>⑤</sup>                                                                                                     | <b>1372D35G32</b> |
| <b>Provision to trip flux transfer shunt trip from external source plus 1A-1B auxiliary switch</b><br>32 to 120 Vdc to 60 Hz <sup>④</sup> | <b>1372D35G15</b> |
| 240 to 600 Vac, 50/60 Hz <sup>⑤</sup>                                                                                                     | <b>1372D35G25</b> |
| 2A-2B auxiliary switch                                                                                                                    | <b>1372D35G18</b> |
| Provision to trip flux transfer shunt trip from external 24 Vdc source                                                                    | <b>1371D95G01</b> |
| 1A-1B auxiliary switch                                                                                                                    | <b>1372D35G03</b> |
| 1A-1B auxiliary switch and 24 Vdc shunt trip                                                                                              | <b>1371D95G04</b> |
| 2A-2B auxiliary switch and 24 Vdc shunt trip                                                                                              | <b>1371D95G07</b> |
| 3A-3B auxiliary switch and 24 Vdc shunt trip                                                                                              | <b>1371D95G10</b> |

#### Rear Bus Connectors

**Two required per pole.** Fixed mounting breakers.

#### Rear Bus Connectors

| Breaker Frame <sup>⑥</sup>                 | Connector Style/Catalog Number |
|--------------------------------------------|--------------------------------|
| PC2000 <sup>⑦</sup> , PCC2000 <sup>⑦</sup> | <b>BA2000PB</b>                |
| PC2500 <sup>⑦</sup> , PCC2500 <sup>⑦</sup> | <b>BA2500PB</b>                |
| PC3000, PCC3000                            | Included in frame              |

#### Racking Crank for Drawout Frames

To engage or withdraw the moving portion of the drawout. A standard 0.50-inch hex socket with extension can be used for this purpose.

#### Racking Crank

##### Style Number

**765A767G01**

#### Cell Switches Mounted on Drawout Frames, All Ratings

A maximum of four switches can be provided. Order by description. Each switch provides a NO and NC contact that transfers before reaching the test position when being withdrawn, and after the test position when being racked in.

#### Approximate Shipping Weights, PC and PCC Breakers (Three-Pole)

| Rating | Breaker |           |           |             |
|--------|---------|-----------|-----------|-------------|
|        | PC, PCC | PCF, PCCF | PCG, PCCG | PCFG, PCCFG |
| 2000   | 136 lbs | 163 lbs   | 160 lbs   | 185 lbs     |
| 2500   | 145 lbs | 175 lbs   | 170 lbs   | 200 lbs     |
| 3000   | 220 lbs | —         | 245 lbs   | —           |

### Busbar Connections

#### "T" Connector



#### Busbar Connections— "T" Connector (For Cu/Al Bus)

##### Catalog Number

**BA2000PB**

**Two required per pole.** For rear bus connection of breakers through 2000A. Accepts up to four bus bolts. May be rotated 90°.

**Note:** Shipped separately from breaker.

#### "C" Connector



#### "C" Connector (For Cu/Al Bus)

##### Breaker Amperes

2500

##### Catalog Number

**BA2500PB**

**Two required per pole.** For rear bus connection of 2500A breakers.

#### Cable Connector



#### Cable Connector

##### Catalog Number

**505C706G04**

Fits "T" Connector and 2000A front-connected breakers. Accepts four 400–600 kcmil copper cables.

#### Notes

- ① For other possible combinations, contact your local Eaton Field Sales office.
- ② Only one of these attachments may be mounted per breaker.
- ③ Left pole mounting.
- ④ Rated 48V minimum for ground fault applications.
- ⑤ Not for ground fault applications.
- ⑥ Also apply to equivalent ratings of PCG and PCCG ground fault breakers.
- ⑦ Not required for front-connected frames.

### SELTRONIC Rating Plug Selection Data

Rating plugs listed below are for both standard breakers and breakers with built-in ground fault protection.

#### Rating Plug Selection Data

##### Rating Plugs Only (For Two- or Three-Pole Frames)

| Continuous Ampere Rating <sup>①</sup>                                                                                       | Magnetic Trip Setting, Amperes |      | Fixed Rating Plugs Catalog Number | Adjustable Rating Plugs <sup>②③</sup> Catalog Number |
|-----------------------------------------------------------------------------------------------------------------------------|--------------------------------|------|-----------------------------------|------------------------------------------------------|
|                                                                                                                             | Low                            | High |                                   |                                                      |
| <b>For 150A Frames: LC, LCA, LCG, LCGA, HLC, HLCA, HLCG, HLCGA</b>                                                          |                                |      |                                   |                                                      |
| 75                                                                                                                          | 225                            | 750  | <b>1LC75</b>                      | —                                                    |
| 90                                                                                                                          | 270                            | 900  | <b>1LC90</b>                      | —                                                    |
| 100                                                                                                                         | 300                            | 1000 | <b>1LC100</b>                     | <b>A1LC100</b> <sup>④</sup>                          |
| 125                                                                                                                         | 375                            | 1250 | <b>1LC125</b>                     | <b>A1LC125</b>                                       |
| 150                                                                                                                         | 450                            | 1500 | <b>1LC150</b>                     | <b>A1LC150</b> <sup>⑤</sup>                          |
| <b>For 300A Frames: LC, LCA, LCG, LCGA, HLC, HLCA, HLCA, HLCG, HLCGA</b>                                                    |                                |      |                                   |                                                      |
| 150                                                                                                                         | 450                            | 1500 | <b>3LC150</b>                     | —                                                    |
| 175                                                                                                                         | 525                            | 1750 | <b>3LC175</b>                     | —                                                    |
| 200                                                                                                                         | 600                            | 2000 | <b>3LC200</b>                     | —                                                    |
| 225                                                                                                                         | 675                            | 2250 | <b>3LC225</b>                     | <b>A3LC225</b>                                       |
| 250                                                                                                                         | 750                            | 2500 | <b>3LC250</b>                     | <b>A3LC250</b>                                       |
| 275                                                                                                                         | 825                            | 2750 | <b>3LC275</b>                     | <b>A3LC275</b>                                       |
| 300                                                                                                                         | 900                            | 3000 | <b>3LC300</b>                     | <b>A3LC300</b> <sup>⑤</sup>                          |
| <b>For 400A Frames: LC, LCA, LCG, LCGA, HLC, HLCA, HLCG, HLCGA</b>                                                          |                                |      |                                   |                                                      |
| 200                                                                                                                         | 600                            | 2000 | <b>4LC200</b>                     | —                                                    |
| 225                                                                                                                         | 675                            | 2250 | <b>4LC225</b>                     | —                                                    |
| 250                                                                                                                         | 750                            | 2500 | <b>4LC250</b>                     | —                                                    |
| 300                                                                                                                         | 900                            | 3000 | <b>4LC300</b>                     | <b>A4LC300</b>                                       |
| 350                                                                                                                         | 1050                           | 3500 | <b>4LC350</b>                     | <b>A4LC350</b>                                       |
| 400                                                                                                                         | 1200                           | 4000 | <b>4LC400</b>                     | <b>A4LC400</b> <sup>⑤</sup>                          |
| <b>For 600A Frames: LC, LCA, LCG, LCGA, HLC, HLCA, HLCG, HLCGA, LCC, LCCA, HLCC, HLCCA, LCCG, LCCGA, HLCCG, HLCCGA</b>      |                                |      |                                   |                                                      |
| 300                                                                                                                         | 900                            | 3000 | <b>6LC300</b>                     | —                                                    |
| 350                                                                                                                         | 1050                           | 3500 | <b>6LC350</b>                     | —                                                    |
| 400                                                                                                                         | 1200                           | 4000 | <b>6LC400</b>                     | <b>A6LC400</b> <sup>④</sup>                          |
| 450                                                                                                                         | 1350                           | 4500 | <b>6LC450</b>                     | <b>A6LC450</b>                                       |
| 500                                                                                                                         | 1500                           | 5000 | <b>6LC500</b>                     | <b>A6LC500</b>                                       |
| 600                                                                                                                         | 1800                           | 6000 | <b>6LC600</b>                     | <b>A6LC600</b> <sup>⑤</sup>                          |
| <b>For 800A Frames: MC, MCA, MCG, MCGA, HMC, HMCA, HMCG, HMCGA, MCC, MCCA, HMCC, HMCCA, MCCG, MCCGA, HMCCG, HMCCGA, MDS</b> |                                |      |                                   |                                                      |
| 400                                                                                                                         | 1200                           | 4000 | <b>8MC400</b>                     | —                                                    |
| 500                                                                                                                         | 1500                           | 5000 | <b>8MC500</b>                     | <b>A8MC500</b> <sup>⑤</sup>                          |
| 600                                                                                                                         | 1800                           | 6000 | <b>8MC600</b>                     | <b>A8MC600</b>                                       |
| 700                                                                                                                         | 2100                           | 7000 | <b>8MC700</b>                     | <b>A8MC700</b>                                       |
| 800                                                                                                                         | 2400                           | 8000 | <b>8MC800</b>                     | <b>A8MC800</b> <sup>⑤</sup>                          |

##### Rating Plugs Only (For Two- or Three-Pole Frames)

| Continuous Ampere Rating <sup>①</sup>                               | Magnetic Trip Setting, Amperes |        | Fixed Rating Plugs Catalog Number | Adjustable Rating Plugs <sup>②③</sup> Catalog Number |
|---------------------------------------------------------------------|--------------------------------|--------|-----------------------------------|------------------------------------------------------|
|                                                                     | Low                            | High   |                                   |                                                      |
| <b>For 1200A Frames: NC, NCA, NCG, NCGA, HNC, HNCA, HNCG, HNCGA</b> |                                |        |                                   |                                                      |
| 800                                                                 | 1600                           | 6400   | <b>12NC800</b>                    | <b>A12NC800</b> <sup>④</sup>                         |
| 900                                                                 | 1800                           | 7200   | <b>12NC900</b>                    | <b>A12NC900</b>                                      |
| 1000                                                                | 2000                           | 8000   | <b>12NC1000</b>                   | <b>A12NC1000</b>                                     |
| 1200                                                                | 2400                           | 9600   | <b>12NC1200</b>                   | <b>A12NC1200</b> <sup>⑤</sup>                        |
| <b>For 2000A Frames: PC, PCA, PCC, PCCA, PCG, PCGA, PCCG, PCCGA</b> |                                |        |                                   |                                                      |
| 1000                                                                | 2000                           | 8000   | <b>20PC1000</b>                   | —                                                    |
| 1200                                                                | 2400                           | 9600   | <b>20PC1200</b>                   | —                                                    |
| 1400                                                                | 2800                           | 11,200 | <b>20PC1400</b>                   | —                                                    |
| 1600                                                                | 3200                           | 12,800 | <b>20PC1600</b>                   | <b>A20PC1600</b>                                     |
| 1800                                                                | 3600                           | 14,400 | <b>20PC1800</b>                   | <b>A20PC1800</b>                                     |
| 2000                                                                | 4000                           | 16,000 | <b>20PC2000</b>                   | <b>A20PC2000</b> <sup>⑤</sup>                        |
| <b>For 2500A Frames: PC, PCA, PCC, PCCA, PCG, PCGA, PCCG, PCCGA</b> |                                |        |                                   |                                                      |
| 1400                                                                | 2800                           | 11,200 | <b>25PC1400</b>                   | —                                                    |
| 1600                                                                | 3200                           | 12,800 | <b>25PC1600</b>                   | —                                                    |
| 1800                                                                | 3600                           | 14,400 | <b>25PC1800</b>                   | <b>A25PC1800</b>                                     |
| 2000                                                                | 4000                           | 16,000 | <b>25PC2000</b>                   | <b>A25PC2000</b>                                     |
| 2500                                                                | 5000                           | 20,000 | <b>25PC2500</b>                   | <b>A25PC2500</b> <sup>⑤</sup>                        |
| <b>For 3000A Frames: PC, PCA, PCC, PCCA, PCG, PCGA, PCCG, PCCGA</b> |                                |        |                                   |                                                      |
| 1600                                                                | 3200                           | 12,800 | <b>30PC1600</b>                   | —                                                    |
| 1800                                                                | 3600                           | 14,400 | <b>30PC1800</b>                   | —                                                    |
| 2000                                                                | 4000                           | 16,000 | <b>30PC2000</b>                   | —                                                    |
| 2500                                                                | 5000                           | 20,000 | <b>30PC2500</b>                   | <b>A30PC2500</b>                                     |
| 3000                                                                | 6000                           | 24,000 | <b>30PC3000</b>                   | <b>A30PC3000</b> <sup>⑤</sup>                        |

#### Notes

- ① Ampere rating when used in short time only frames:  
 LC-150: 150A      MC-800: 800A      PC-3000: 3000A  
 LC-300: 300A      NC-1200: 1200A      LCL-250: 250A  
 LC-400: 400A      PC-2000: 2000A      LCL-400: 400A  
 LC-600: 600A      PC-2500: 2500A
- ② Magnetic trip range of adjustable rating plugs:  
 LC, HLC, MC, HMC:      3 to 10 times ampere setting  
 NC, HNC, PC, PCC, LCL-400:      2 to 8 times ampere setting  
 LCL-250:      3 to 9 times ampere setting
- ③ Adjustable 70 to 100% except as noted.
- ④ Adjustable 75 to 100%.
- ⑤ Adjustable 50 to 100%.
- ⑥ Adjustable 80 to 100%.

Contact Avery Creek, NC, Technical Resource Center for old style (three prong) ground fault rating plugs.