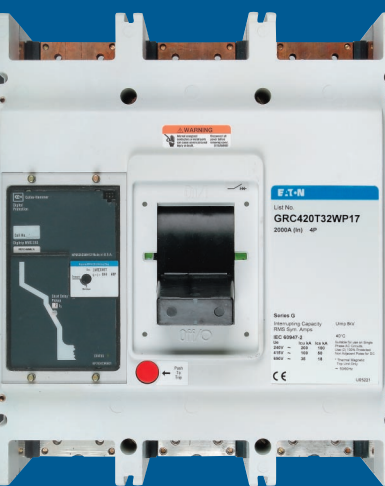


# Eaton Series G Circuit Breakers

|                                                                       |                                 | GE                                                                                |     |                 |      |                 |      |                 |     | GJ                                                                                |     |                 |     | GL                                                                                  |    |                 |     | GN                                                                                  |     |                  |     | GR                                                                                  |     |                  |     |                  |     |         |  |         |  |
|-----------------------------------------------------------------------|---------------------------------|-----------------------------------------------------------------------------------|-----|-----------------|------|-----------------|------|-----------------|-----|-----------------------------------------------------------------------------------|-----|-----------------|-----|-------------------------------------------------------------------------------------|----|-----------------|-----|-------------------------------------------------------------------------------------|-----|------------------|-----|-------------------------------------------------------------------------------------|-----|------------------|-----|------------------|-----|---------|--|---------|--|
|                                                                       |                                 |  |     |                 |      |                 |      |                 |     |  |     |                 |     |  |    |                 |     |  |     |                  |     |  |     |                  |     |                  |     |         |  |         |  |
| Ampere Range                                                          |                                 | 16 – 160 A ⚡                                                                      |     |                 |      |                 |      |                 |     | 15 – 250 A                                                                        |     |                 |     | 100 – 630 A ⚡                                                                       |    |                 |     | 400 – 1250 A ⚡                                                                      |     |                  |     | 1600 A ⚡                                                                            |     | 800 – 2500 A     |     |                  |     |         |  |         |  |
| Breaker Type                                                          |                                 | GEB                                                                               | GEE | GES             |      | GEH             |      |                 |     | GJE                                                                               | GJS | GJH             | GJC |                                                                                     |    | GLE             | GLS | GLH                                                                                 | GLC |                  |     | GNS                                                                                 | GNH | GNC              | GNS | GRH              |     | GRC     |  |         |  |
| Breaker Capacity (kA rms) ac 50 – 60 Hz                               |                                 |                                                                                   |     |                 |      |                 |      |                 |     |                                                                                   |     |                 |     |                                                                                     |    |                 |     |                                                                                     |     |                  |     |                                                                                     |     |                  |     |                  |     |         |  |         |  |
| NEMA®                                                                 | 240 Vac                         | 25                                                                                | 25  | 35              | 85   | 85              | 100  | 100             |     | 65                                                                                | 85  | 100             | 200 |                                                                                     | 65 | 85              | 100 | 200                                                                                 |     | 65               | 100 | 200                                                                                 | —   |                  | 125 |                  | 200 |         |  |         |  |
|                                                                       | 480 Vac                         | —                                                                                 | 18  | 25              | —    | 35              | —    | 65              |     | 25                                                                                | 35  | 65              | 100 |                                                                                     | 35 | 50              | 65  | 100                                                                                 |     | 50               | 65  | 100                                                                                 | —   |                  | 65  |                  | 100 |         |  |         |  |
| IEC 60947-2                                                           | 600 Vac                         | —                                                                                 | —   | 18 ⚡            | 22 ⚡ | 22 ⚡            | 30 ⚡ | 25 ⚡            |     | 18                                                                                | 25  | 35              | 50  |                                                                                     | 18 | 25              | 35  | 50                                                                                  |     | 25               | 35  | 50                                                                                  | —   |                  | 50  |                  | 65  |         |  |         |  |
|                                                                       | 220 – 240 Vac                   | I <sub>CU</sub>                                                                   | 25  | 25              | 35   | 85              | 85   | 100             | 100 |                                                                                   | 65  | 85              | 100 | 200                                                                                 |    | 65              | 85  | 100                                                                                 | 200 |                  | 85  | 100                                                                                 | 200 | 85               |     | 135              |     | 200     |  |         |  |
|                                                                       |                                 | I <sub>CS</sub>                                                                   | 25  | 25              | 35   | 43              | 43   | 50              | 50  |                                                                                   | 65  | 85              | 100 | 150                                                                                 |    | 65              | 85  | 100                                                                                 | 150 |                  | 85  | 100                                                                                 | 100 | 85               |     | 100              |     | 100     |  |         |  |
|                                                                       | 380 – 415 Vac                   | I <sub>CU</sub>                                                                   | —   | 18              | 25   | —               | 40   | —               | 70  |                                                                                   | 25  | 40              | 70  | 100                                                                                 |    | 35              | 50  | 70                                                                                  | 100 |                  | 50  | 70                                                                                  | 100 | 50               |     | 70               |     | 100     |  |         |  |
|                                                                       |                                 | I <sub>CS</sub>                                                                   | —   | 18              | 25   | —               | 30   | —               | 35  |                                                                                   | 25  | 40              | 70  | 75                                                                                  |    | 35              | 50  | 70                                                                                  | 75  |                  | 50  | 50                                                                                  | 50  | 50               |     | 50               |     | 50      |  |         |  |
|                                                                       | 660 – 690 Vac                   | I <sub>CU</sub>                                                                   | —   | —               | 3    | —               | 4    | —               | 6   |                                                                                   | 12  | 12              | 14  | 20                                                                                  |    | 12              | 20  | 25                                                                                  | 35  |                  | 20  | 25                                                                                  | 35  | 20               |     | 25               |     | 35      |  |         |  |
|                                                                       |                                 | I <sub>CS</sub>                                                                   | —   | —               | 3    | —               | 3    | —               | 3   |                                                                                   | 6   | 6               | 7   | 10                                                                                  |    | 6               | 10  | 13                                                                                  | 18  |                  | 10  | 13                                                                                  | 18  | 10               |     | 13               |     | 18      |  |         |  |
|                                                                       | 250 Vdc<br>(2 poles in series.) | I <sub>CU</sub>                                                                   | 10  | 10              | 10   | 35              | 35   | 42              | 42  |                                                                                   | 10  | 35              | 42  | 42                                                                                  |    | 22              | 22  | 42                                                                                  | 42  |                  | —   | —                                                                                   | —   | —                |     | —                |     | —       |  |         |  |
| I <sub>CS</sub>                                                       |                                 | 10                                                                                | 10  | 10              | 35   | 35              | 42   | 42              |     | 10                                                                                | 35  | 42              | 42  |                                                                                     | 22 | 22              | 42  | 42                                                                                  |     | —                | —   | —                                                                                   | —   |                  | —   |                  | —   |         |  |         |  |
| Number of Poles                                                       |                                 | 1                                                                                 |     | 2, 3, 4         |      | 2, 3, 4         |      | 1               |     | 2, 3, 4                                                                           |     | 2, 3, 4         |     |                                                                                     |    | 3, 4            |     |                                                                                     |     | 2, 3, 4          |     | 3                                                                                   |     |                  |     | 3, 4             |     |         |  |         |  |
| Thermal                                                               | Fixed Thermal                   | ■                                                                                 |     |                 |      |                 |      |                 |     |                                                                                   |     |                 |     |                                                                                     |    |                 |     | ■                                                                                   |     |                  |     |                                                                                     |     |                  |     |                  |     |         |  |         |  |
|                                                                       | Adjustable Thermal              | ■                                                                                 |     |                 |      |                 |      |                 |     |                                                                                   |     |                 |     |                                                                                     |    |                 |     | ■                                                                                   |     |                  |     |                                                                                     |     |                  |     |                  |     |         |  |         |  |
| Magnetic                                                              | Magnetic                        | Fixed                                                                             |     |                 |      |                 |      |                 |     | Adjustable                                                                        |     |                 |     |                                                                                     |    |                 |     | Adjustable                                                                          |     |                  |     |                                                                                     |     |                  |     |                  |     |         |  |         |  |
|                                                                       | Electronic rms                  | —                                                                                 |     |                 |      |                 |      |                 |     | —                                                                                 |     |                 |     |                                                                                     |    |                 |     | —                                                                                   |     |                  |     |                                                                                     |     |                  |     |                  |     |         |  |         |  |
| (Not suitable for dc application. 4-pole ground fault not available.) | LI                              | —                                                                                 |     |                 |      |                 |      |                 |     | —                                                                                 |     |                 |     |                                                                                     |    |                 |     | —                                                                                   |     |                  |     |                                                                                     |     |                  |     |                  |     |         |  |         |  |
|                                                                       | LS                              | —                                                                                 |     |                 |      |                 |      |                 |     | —                                                                                 |     |                 |     |                                                                                     |    |                 |     | —                                                                                   |     |                  |     |                                                                                     |     |                  |     |                  |     |         |  |         |  |
|                                                                       | LSI                             | —                                                                                 |     |                 |      |                 |      |                 |     | —                                                                                 |     |                 |     |                                                                                     |    |                 |     | —                                                                                   |     |                  |     |                                                                                     |     |                  |     |                  |     |         |  |         |  |
|                                                                       | LIG                             | —                                                                                 |     |                 |      |                 |      |                 |     | —                                                                                 |     |                 |     |                                                                                     |    |                 |     | —                                                                                   |     |                  |     |                                                                                     |     |                  |     |                  |     |         |  |         |  |
|                                                                       | LSG                             | —                                                                                 |     |                 |      |                 |      |                 |     | —                                                                                 |     |                 |     |                                                                                     |    |                 |     | —                                                                                   |     |                  |     |                                                                                     |     |                  |     |                  |     |         |  |         |  |
| Interchangeable Trip                                                  | LSIG                            | —                                                                                 |     |                 |      |                 |      |                 |     | —                                                                                 |     |                 |     |                                                                                     |    |                 |     | —                                                                                   |     |                  |     |                                                                                     |     |                  |     |                  |     |         |  |         |  |
|                                                                       | Dimensions — (mm)               | H                                                                                 |     | W               |      | D               |      |                 |     | H                                                                                 |     | W               |     | D                                                                                   |    |                 |     | H                                                                                   |     | W                |     | D                                                                                   |     |                  |     | H                |     | W       |  | D       |  |
| 1-Pole                                                                | 1-Pole                          | (25.4)                                                                            |     | (50.8)          |      | (76.0)          |      |                 |     | —                                                                                 |     | —               |     | —                                                                                   |    |                 |     | —                                                                                   |     | —                |     | —                                                                                   |     |                  |     | —                |     | —       |  |         |  |
|                                                                       | 2-Pole                          | (139.7)                                                                           |     | (76.2)          |      | (101.6)         |      |                 |     | (177.8)                                                                           |     | (105.0)         |     | (87.4)                                                                              |    |                 |     | (258.0)                                                                             |     | (140.0)          |     | (104.0)                                                                             |     |                  |     | (406.0)          |     | (394.0) |  | (229.0) |  |
|                                                                       | 3-Pole                          |                                                                                   |     |                 |      |                 |      |                 |     |                                                                                   |     |                 |     |                                                                                     |    |                 |     |                                                                                     |     |                  |     |                                                                                     |     |                  |     |                  |     |         |  |         |  |
|                                                                       | 4-Pole                          |                                                                                   |     |                 |      |                 |      |                 |     |                                                                                   |     |                 |     |                                                                                     |    |                 |     |                                                                                     |     |                  |     |                                                                                     |     |                  |     |                  |     |         |  |         |  |
| Weight (Approximate) — (kgs.)                                         |                                 | 1-Pole<br>(0.5)                                                                   |     | 2-Pole<br>(0.9) |      | 3-Pole<br>(1.4) |      | 4-Pole<br>(1.8) |     | 2-Pole<br>(5.2)                                                                   |     | 3-Pole<br>(5.2) |     | 4-Pole<br>(7.0)                                                                     |    | 3-Pole<br>(7.3) |     | 4-Pole<br>(9.1)                                                                     |     | 3-Pole<br>(21.3) |     | 4-Pole<br>(28.3)                                                                    |     | 3-Pole<br>(47.0) |     | 4-Pole<br>(54.0) |     |         |  |         |  |
| Utilization Category                                                  |                                 | A                                                                                 |     |                 |      |                 |      |                 |     | A                                                                                 |     |                 |     |                                                                                     |    |                 |     | A                                                                                   |     |                  |     |                                                                                     |     |                  |     | A                |     |         |  |         |  |

| Molded Case Switches                                                   |                                                  |           |                          |           |                                             |                 |                          |           |                                             |                 |                          |          |                            |                 |                          |            |                            |           |                          |           |          |          |        |          |        |          |                 |                 |
|------------------------------------------------------------------------|--------------------------------------------------|-----------|--------------------------|-----------|---------------------------------------------|-----------------|--------------------------|-----------|---------------------------------------------|-----------------|--------------------------|----------|----------------------------|-----------------|--------------------------|------------|----------------------------|-----------|--------------------------|-----------|----------|----------|--------|----------|--------|----------|-----------------|-----------------|
| 3-Pole / 4-Pole                                                        |                                                  | 3-Pole    |                          |           |                                             | 3-Pole / 4-Pole |                          |           |                                             | 3-Pole / 4-Pole |                          |          |                            | 3-Pole / 4-Pole |                          |            |                            |           |                          |           |          |          |        |          |        |          |                 |                 |
| Motor Circuit Protectors                                               |                                                  |           |                          |           |                                             |                 |                          |           |                                             |                 |                          |          |                            |                 |                          |            |                            |           |                          |           |          |          |        |          |        |          |                 |                 |
|                                                                        | GE Frame — 600V/347 Vac Maximum, 250 Vdc Maximum |           |                          |           | GJ Frame — 600 Vac Maximum, 250 Vdc Maximum |                 |                          |           | GL Frame — 600 Vac Maximum, 250 Vdc Maximum |                 |                          |          | GN Frame — 600 Vac Maximum |                 |                          |            | GR Frame — 600 Vac Maximum |           |                          |           |          |          |        |          |        |          |                 |                 |
|                                                                        | Continuous Amperes                               |           | Magnetic Range (Amperes) |           | Continuous Amperes                          |                 | Magnetic Range (Amperes) |           | Continuous Amperes                          |                 | Magnetic Range (Amperes) |          | Continuous Amperes         |                 | Magnetic Range (Amperes) |            | Continuous Amperes         |           | Magnetic Range (Amperes) |           |          |          |        |          |        |          |                 |                 |
|                                                                        | 3 – 100                                          |           | 9 – 1500                 |           | 250                                         |                 | 500 – 2500               |           | 600                                         |                 | 1125 – 6000              |          | 800 – 1200                 |                 | 1600 – 9600              |            | –                          |           | –                        |           |          |          |        |          |        |          |                 |                 |
| Terminals — Note: GE, GJ, GL MCCBs come with Cu/Al standard terminals. |                                                  |           |                          |           |                                             |                 |                          |           |                                             |                 |                          |          |                            |                 |                          |            |                            |           |                          |           |          |          |        |          |        |          |                 |                 |
| Terminal Body Material                                                 | Steel                                            | Aluminum  |                          | Aluminum  | Stainless Steel                             | Aluminum        | Copper                   | Aluminum  | Copper                                      | Aluminum        | Copper                   | Aluminum | Copper                     | Aluminum        | Copper                   | Aluminum   | Copper                     | Aluminum  | Copper                   | Aluminum  | Copper   | Aluminum | Copper | Aluminum | Copper | Aluminum | Rear Connectors | Rear Connectors |
| Wire Type                                                              | Cu/Al                                            | Cu/Al     |                          | Cu/Al     | Copper                                      | Cu/Al           |                          | Cu/Al     | Copper                                      | Cu/Al           | Copper                   | Cu/Al    | Copper                     | Cu/Al           | Copper                   | Cu/Al      | Copper                     | Cu/Al     | Copper                   | Cu/Al     | Copper   | Cu/Al    | Copper | Cu/Al    | Copper | Cu/Al    | –               | –               |
| Metric Wire Range mm <sup>2</sup>                                      | 2.5 – 95                                         | 2.5 – 50  | 16 – 70                  | 35 – 120  | 25 – 185                                    | 25 – 185        |                          | 240 – 380 | 35 – 240                                    | 240 – 380       | 35 – 240                 | 35 – 240 |                            | 120 – 300       | 95 – 185                 | 300 – 500  | 50 – 300                   | 35 – 300  | –                        | –         | –        | –        | –      | –        | –      | –        | –               | –               |
| AWG Wire Range                                                         | #14 – 3/0                                        | #14 – 1/0 | #6 – 3/0                 | #3 – 250  | #4 – 350                                    | #4 – 350        |                          | 500 – 750 | 2 – 500                                     | 500 – 750       | 2 – 500                  | 2 – 500  |                            | 4/0 – 500       | 3/0 – 400                | 500 – 1000 | 1 – 600                    | 2 – 600   | 1600 – 2000A             | 2500A     | –        | –        | –      | –        | –      | –        | –               | –               |
| AWG Wire Number of Conductors                                          | 1                                                | 1         | 1                        | 1         | 1                                           | 1               |                          | 1         | 1                                           | 1               | 1                        | 2        |                            | 3               | 4                        | 4          | 4                          | 6         | –                        | –         | –        | –        | –      | –        | –      | –        | –               | –               |
| Catalog Number                                                         | –                                                | –         | –                        | –         | T250FJ                                      | TA250FJ         |                          | TC250FJ   | –                                           | TA350LK         | –                        | T350LK   | –                          | –               | –                        | TA1200NB3M | T1200NB3M                  | TA1600RDM | T1600RDM                 | TA2000RDM | B2016RDM | B2500RDM | –      | –        | –      | –        | –               | –               |
| Catalog Number (Package of 3 Terminals)                                | 3T125EF                                          | 3TA125EF  | 3TA150EF                 | 3TA160FEK | 3TA160FEK                                   | –               |                          | –         | –                                           | 3TA631LK        | –                        | 3TB31LK  | –                          | 3TA632LK        | 3TB632LK                 | –          | –                          | –         | –                        | –         | –        | –        | –      | –        | –      | –        | –               | –               |
| Catalog Number (Package of 4 Terminals)                                | –                                                | –         | –                        | –         | –                                           | –               |                          | –         | –                                           | 4TA631LK        | 4TA632LK                 | 4TB31LK  | 4TB32LK                    | –               | –                        | –          | –                          | –         | –                        | –         | –        | –        | –      | –        | –      | –        | –               | –               |