

# POWR-BLOKS™



GUIDE TO DISTRIBUTION BLOCKS WITH HIGH  
SHORT-CIRCUIT CURRENT RATINGS (SCCR)



Expertise Applied | Answers Delivered

DISTRIBUTION BLOCK  
SCCR RATINGS

| POWR-BLOK™ DESCRIPTION          |       |      |  |              |   |                              | HIGH SCCR REQUIREMENTS  |              |                      |                       |                |                       |   |             |             |                |
|---------------------------------|-------|------|--|--------------|---|------------------------------|---|--------------|----------------------|-----------------------|----------------|-----------------------|---|-------------|-------------|----------------|
| LITTELFUSE<br>CATALOG<br>NUMBER | POLES | AMPS | RATED WIRE RANGE<br>(OPENINGS) kcmil/AWG |              | CONDUCTOR SIZE<br>REQUIRED (Kcmil/AWG) <sup>(2)</sup> |                              | OVERCURRENT PROTECTION FUSE REQUIRED<br>CLASS / LITTELFUSE SERIES / MAX AMP RATING <sup>(3)</sup> |              |                      |                       |                |                       | SCCR,<br>IN RMS<br>SYM<br>AMPS <sup>(1)</sup> |             |             |                |
|                                 |       |      | LINE                                     | LOAD         | LINE  | LOAD                         | J   | T            | RK1                  | RK5                   | G              | CC                    |   |             |             |                |
|                                 |       |      |  |              |   |                              | JTD_ID  | JLLN or JLLS | LLNRK or<br>LLSRK_ID | FLNR_ID or<br>FLSR_ID | SLC            | CCMR, KLDR<br>or KLKR |   |             |             |                |
| LS1300-1                        | 1     | 115  | (1) 2 - 14                               | (1) 2 - 14   | 2 - 6   | 2 - 6                        | 200   | 200          | 200                  | 100                   | 60             | 30                    | <b>100,000</b>                                |             |             |                |
| LS1300-2                        | 2     |      |  |              | 8 - 10  | 8 - 10                       | 100   | 100          | 100                  | -                     | 60             | 30                    |   |             |             |                |
| LS1300-3                        | 3     |      |  |              |   |                              | 100   | 100          | 100                  | -                     | 60             | 30                    |   |             |             |                |
| LS1300-4                        | 4     |      |  |              | 100   | 100                          | 100   | -            | 60                   | 30                    |                |                       |   |             |             |                |
| LD1400-1                        | 1     | 115  | (1) 2 - 14                               | (4) 10 - 16  | 2 - 6   | 10 - 14                      | 200   | 200          | 200                  | 100                   | 60             | 30                    | <b>100,000</b>                                |             |             |                |
|                                 |       |      |  |              | 10 - 8  |                              | 100   | 100          | 100                  | -                     |                |                       |   |             |             |                |
| LD1400-2                        | 2     |      |  |              | (1) 2 - 14  | (4) 10 - 16                  | 2 - 6   | 10 - 14      | 200                  | 200                   | 200            | 100                   |   | 60          | 30          |                |
|                                 |       |      |  |              |   |                              | 10 - 8  |              | 100                  | 100                   | 100            | -                     |   |             |             |                |
| LFD14003                        | 3     |      |  |              | (1) 2 - 14  | (4) 10 - 18                  | 2-10  | 10           | 200                  | 200                   | 200            | 60                    |   | 60 (100 kA) | 30          | <b>200,000</b> |
|                                 |       |      |  |              |   |                              | 2-14  | 10-14        | 30                   | 30                    | 30             | 30                    |   | 60 (100 kA) |             |                |
| LD1400-4                        | 4     |      |  |              | (1) 2 - 14  | (4) 10 - 16                  | 2 - 6   | 10 - 14      | 200                  | 200                   | 200            | 100                   |   | 60          | 30          | <b>100,000</b> |
|                                 |       |      |  |              |   |                              | 10 - 8  |              | 100                  | 100                   | 100            | -                     |   |             |             |                |
| LD14401                         | 1     | 115  | 2 - 14                                   | 10 - 18      | 2 - 6   | 10 - 18                      | 200   | 200          | 200                  | 60                    | 60             | 30                    | <b>100,000</b>                                |             |             |                |
| LD14402                         | 2     |      |  |              |   |                              |   |              |                      |                       |                |                       |   |             |             |                |
| LD14404                         | 4     |      |  |              |   |                              |   |              |                      |                       |                |                       |   |             |             |                |
| LD2570-1DIN                     | 1     | 175  | (1) 2/0 - 14                             | (4) 4 - 14   | 2/0 - 6   | 4 - 14                       | 200   | 200          | 200                  | 100                   | 60             | 30                    | <b>100,000</b>                                |             |             |                |
| LD2570-2DIN                     | 2     |      |  |              |   |                              |   |              |                      |                       |                |                       |   |             |             |                |
| LD2570-3DIN                     | 3     |      |  |              |   |                              |   |              |                      |                       |                |                       |   |             |             |                |
| LS2572-1DIN                     | 1     | 175  | (1) 2/0 - 14                             | (1) 2/0 - 14 | 2/0 - 6   | 2/0 - 6                      | 200   | 200          | 200                  | 100                   | 60             | 30                    | <b>100,000</b>                                |             |             |                |
| LS2572-2DIN                     | 2     |      |  |              |   |                              |   |              |                      |                       |                |                       |   |             |             |                |
| LS2572-3DIN                     | 3     |      |  |              |   |                              |   |              |                      |                       |                |                       |   |             |             |                |
| LD2580-1DIN                     | 1     | 175  | (1) 2/0 - 14                             | (6) 4 - 14   | 2/0 - 6   | 4 - 14                       | 200   | 200          | 200                  | 100                   | 60             | 30                    | <b>100,000</b>                                |             |             |                |
| LD2580-2DIN                     | 2     |      |  |              |   |                              |   |              |                      |                       |                |                       |   |             |             |                |
| LD2580-3DIN                     | 3     |      |  |              |   |                              |   |              |                      |                       |                |                       |   |             |             |                |
| LD2970-1DIN                     | 1     | 175  | (1) 2/0 - 14                             | (4) 4 - 14   | 2/0 - 6   | 4 - 14                       | 200   | 200          | 200                  | 100                   | 60             | 30                    | <b>100,000</b>                                |             |             |                |
| LD2970-2DIN                     | 2     |      |  |              |   |                              |   |              |                      |                       |                |                       |   |             |             |                |
| LD2970-3DIN                     | 3     |      |  |              |   |                              |   |              |                      |                       |                |                       |   |             |             |                |
| LD0401-2                        | 2     | 175  | (1) 2/0 - 14                             | (6) 4 - 14   | 2/0 - 6   | 4 - 14                       | 200   | 200          | 200                  | 100                   | -              | 30                    | <b>200,000</b>                                |             |             |                |
|                                 |       |      |  |              | 2/0 - 10 str.   | 4 - 10 str.                  | 200   | 200          | 200                  | 100                   | -              |                       |   |             |             |                |
| LFD04013                        | 3     |      |  |              | (1) 2/0 - 14  | (6) 4 - 14                   | 2/0 - 14 str.   | 4 - 14 str.  | 30                   | 30                    | 30             |                       |   | 30          | 60 (100 kA) |                |
|                                 |       |      |  |              |   |                              | 10 - 14 sol.  | 10 - 14 sol. | 30                   | 30                    | 30             |                       |   | 30          | 60 (100 kA) |                |
| LD0402-2                        | 2     | 175  | (1) 2/0 - 14                             | (4) 4 - 14   | 2/0 - 6   | 4 - 14                       | 200   | 200          | 200                  | 100                   | 60             | 30                    | <b>100,000</b>                                |             |             |                |
| LD0402-3                        | 3     |      |  |              |   |                              |   |              |                      |                       |                |                       |   |             |             |                |
| LD2570-1                        | 1     | 175  | (1) 2/0 - 14                             | (4) 4 - 14   | 2/0 - 6   | 4 - 14                       | 200   | 200          | 200                  | 100                   | 60             | 30                    | <b>100,000</b>                                |             |             |                |
| LFD25702                        | 2     |      |  |              | (1) 2/0 - 14  | (4) 4 - 14                   | 2/0-10  | 4 - 10       | 200                  | 200                   | 200            | 100                   |   | 60 (100 kA) | 30          |                |
|                                 |       |      |  |              |   |                              | 2/0-14  | 4 - 14       | 30                   | 30                    | 30             | 30                    |   |             |             |                |
| LFD25703                        | 3     | 175  | (1) 2/0 - 14                             | (4) 4 - 14   | 2/0-10  | 4 - 10                       | 200   | 200          | 200                  | 100                   | -              | 30                    | <b>200,000</b>                                |             |             |                |
|                                 |       |      |  |              | 2/0-14  | 4 - 14                       | 30  | 30           | 30                   | 30                    | 60 (100 kA)    |                       |   |             |             |                |
| LD2970-1                        | 1     | 175  | (1) 2/0 - 14                             | (4) 4 - 14   | 2/0 - 6   | 4 - 14                       | 200   | 200          | 200                  | 100                   | 60             | 30                    | <b>100,000</b>                                |             |             |                |
| LD2970-2                        | 2     |      |  |              |   |                              |   |              |                      |                       |                |                       |   |             |             |                |
| LD2970-3                        | 3     |      |  |              |   |                              |   |              |                      |                       |                |                       |   |             |             |                |
| LS2972-1DIN                     | 1     | 175  | (1) 2/0 - 14                             | (1) 2/0 - 14 | 2/0 - 6   | 2/0 - 6                      | 300   | 300          | 200                  | 100                   | 60             | 30                    | <b>100,000</b>                                |             |             |                |
| LS2972-2DIN                     | 2     |      |  |              |   |                              |   |              |                      |                       |                |                       |   |             |             |                |
| LS2972-3DIN                     | 3     |      |  |              |   |                              |   |              |                      |                       |                |                       |   |             |             |                |
| LD0404-2                        | 2     | 310  | (1) 350 - 6                              | (6) 4 - 14   | 350 - 3/0   | 4 - 8                        | 400   | 400          | 400                  | 200                   | -              | 30                    | <b>200,000</b>                                |             |             |                |
|                                 |       |      |  |              | 600   | -                            | -   | -            | 60                   | -                     | <b>100,000</b> |                       |   |             |             |                |
| LD0404-3                        | 3     |      |  |              | 2/0 - 6   | 4 - 14                       | 200   | 200          | 200                  | 100                   | -              | 30                    | <b>200,000</b>                                |             |             |                |
|                                 |       | -    | -  | -            |   |                              | -   | 60           | -                    | <b>100,000</b>        |                |                       |   |             |             |                |
| LD335543                        | 3     | 310  | 350kcmil - 6                             | 2/0 - 14     | 350 - 3/0   | 2/0-1                        | 500   | 500          | 400                  | 200                   | 60             | 30                    | <b>100,000</b>                                |             |             |                |
|                                 |       |      |  |              | 350 - 6   | 2/0-10                       | 200   | 200          | 200                  | 100                   |                |                       |   |             |             |                |
|                                 |       |      |  |              | 250 - 1/0<br>(Class G, H, I, K)                       | 1 - 10<br>(Class G, H, I, K) | 150   | 150          | 100                  | 30                    |                |                       |   |             |             |                |
|                                 |       |      |  |              |   |                              |   |              |                      |                       |                |                       |   |             |             |                |
| LD3552-1                        | 1     | 335  | (1) 400 - 6                              | (4) 2 - 14   | 400 - 3/0   | 2 - 8                        | 400   | 400          | 400                  | 100                   | 60             | 30                    | <b>100,000</b>                                |             |             |                |
| LD3552-2                        | 2     |      |  |              | 2/0 - 6   | 2 - 14                       | 200   | 200          | 200                  |                       |                |                       |   |             |             |                |
| LFD35523                        | 3     | 380  | (1) 500 - 6                              | (4) 2 - 14   | 500-4   | 2                            | 400   | 400          | 400                  | 200                   | 60 (100KA)     | 60                    | <b>200,000</b>                                |             |             |                |
|                                 |       |      |  |              | 500-6   | 2 - 14                       | 30  | 30           | 30                   | 30                    |                |                       |   |             |             |                |

DISTRIBUTION BLOCK  
SCCR RATINGS

| POWR-BLOK™ DESCRIPTION    |         |       |                                       |   |  |                           | HIGH SCCR REQUIREMENTS   |              |                   |                     |             |                    |                                      |
|---------------------------|---------|-------|---------------------------------------|---|--|---------------------------|--|--------------|-------------------|---------------------|-------------|--------------------|--------------------------------------|
| LITTELFUSE CATALOG NUMBER | POLES   | AMPS  | RATED WIRE RANGE (OPENINGS) Kcmil/AWG |   | CONDUCTOR SIZE REQUIRED (Kcmil/AWG) <sup>(2)</sup> |                           | OVERCURRENT PROTECTION FUSE REQUIRED CLASS / LITTELFUSE SERIES / MAX AMP RATING <sup>(3)</sup> |              |                   |                     |             |                    | SCCR, IN RMS SYM AMPS <sup>(1)</sup> |
|                           |         |       | LINE                                  | LOAD                                      | LINE   | LOAD                      | J  | T            | RK1               | RK5                 | G           | CC                 |                                      |
|                           |         |       |                                       |   |  |                           | JTD_ID   | JLLN or JLLS | LLNRK or LLSRK_ID | FLNR_ID or FLRSR_ID | SLC         | CCMR, KLDR or KLKR |                                      |
| LD3553-1                  | 1       | 335   | (1) 400 - 6                           | (6) 2 - 14                                | 400 - 3/0  | 2 - 8                     | 400  | 400          | 400               | 200                 | -           | 30                 | 200,000                              |
| LD3553-2                  | 2       |       |                                       |   | 2/0 - 6  | 2 - 14                    | 200  | 200          | 200               | 100                 | -           | 30                 | 200,000                              |
| LFD35533                  | 3       | 380   | (1) 500 - 6                           | (6) 2 - 14                                | 500-4  | 2                         | 400  | 400          | 400               | 200                 | 60 (100 kA) | 30                 | 200,000                              |
| LD4560-1                  | 1       | 335   | (1) 400 - 6                           | (8) 2 - 14                                | 400 - 3/0  | 2 - 8                     | 400  | 400          | 400               | 200                 |             | 60                 | 30                                   |
| LD4560-2                  | 2       |       |                                       |   | 2/0 - 6  | 2 - 14                    | 200  | 200          | 200               | 100                 | 60          | 30                 | 100,000                              |
| LD4560-3                  | 3       |       |                                       |   | 2/0 - 6  | 2 - 14                    | 200  | 200          | 200               | 100                 | 60          | 30                 | 100,000                              |
| LD3555-1                  | 1       | 350   | (2) 2/0 - 14                          | (6) 4 - 14                                | 2/0 - 2  | 4 - 8                     | 400  | 400          | 400               | 100                 | 60          | 30                 | 100,000                              |
| LD3555-2                  | 2       |       |                                       |   | 4 - 6  | 10 - 14                   | 200  | 200          | 200               | 100                 | 60          | 30                 | 100,000                              |
| LFD35553                  | 3       | 350   | (2) 2/0 - 14                          | (6) 4 - 14                                | 2/0 - 4  | 2 - 4                     | 400  | 400          | 400               | 200                 | 60 (100 kA) | 30                 | 200,000                              |
| LD3955-1                  | 1       | 350   | (2) 2/0 - 14                          | (6) 4 - 14                                | 2/0 - 14   | 4 - 14                    | 30   | 30           | 30                | 30                  |             | 60                 | 30                                   |
| LD3955-2                  | 2       |       |                                       |   | 2/0 - 2  | 4 - 8                     | 400  | 400          | 400               | 100                 | 60          | 30                 | 100,000                              |
| LD3955-3                  | 3       |       |                                       |   | 4 - 6  | 10 - 14                   | 200  | 200          | 200               | 100                 | 60          | 30                 | 100,000                              |
| LD3953-1                  | 1       | 380   | (1) 500 - 4                           | (6) 2 - 14                                | 500 - 3/0  | 2 - 10                    | 600  | 600          | 600               | -                   | -           | -                  | 50,000                               |
| LD3953-2                  | 2       |       |                                       |   | 500 - 3/0  | 2 - 8                     | 400  | 400          | 400               | 200                 | 60          | 30                 | 100,000                              |
| LD3953-3                  | 3       |       |                                       |   | 2/0 - 4  | 2 - 14                    | 200  | 200          | 200               | 100                 | 60          | 30                 | 100,000                              |
| LD4551-1                  | 1       | 380   | (1) 500 - 4                           | (6) 2 - 14                                | 500 - 3/0  | 2 - 8                     | 600  | 600          | 400               | 200                 | 60          | 30                 | 100,000                              |
| LD4551-2                  | 2       |       |                                       |   | 2/0 - 4  | 2 - 14                    | 200  | 200          | 200               | 100                 | 60          | 30                 | 100,000                              |
| LD4551-3                  | 3       |       |                                       |   | 2/0 - 4  | 2 - 14                    | 200  | 200          | 200               | 100                 | 60          | 30                 | 100,000                              |
| LD5552-1                  | 1       | 380   | (1) 500 - 4                           | (12) 2 - 14                               | 500 - 3/0  | 2 - 8                     | 400  | 400          | 400               | 200                 | 60          | 30                 | 100,000                              |
| LD5552-2                  | 2       |       |                                       |   | 2/0 - 4  | 2 - 14                    | 200  | 200          | 200               | 100                 |             |                    |                                      |
| LFD5552-3                 | 3       | 380   | (1) 500 - 4                           | (12) 2 - 14                               | 500 - 4  | 2 - 4                     | 600  | 600          | 400               | 200                 | 60 (100 kA) | 30                 | 200,000                              |
| LD5579-1                  | 1       | 380   | (1) 500 - 4                           | (6) 2/0 - 14                              | 500 - 3/0  | 2/0 - 6                   | 400  | 400          | 400               | 100                 |             | 60                 | 30                                   |
| LD5579-2                  | 2       |       |                                       |   | 2/0 - 4  | 8 - 14                    | 200  | 200          | 200               | 100                 | 60          | 30                 | 100,000                              |
| LFD5579-3                 | 3       | 380   | (1) 500 - 4                           | (6) 2/0 - 14                              | 500 - 4  | 2/0 - 4                   | 400  | 400          | 400               | 200                 | 60 (100 kA) | 30                 | 200,000                              |
| LD5594-1                  | 1       | 380   | (1) 500 - 4                           | (8) 2 - 14                                | 500 - 3/0  | 2 - 8                     | 600  | 600          | 400               | 200                 |             | 60                 | 30                                   |
| LD5594-2                  | 2       |       |                                       |   | 2/0 - 4  | 2 - 14                    | 200  | 200          | 200               | 100                 | 60          | 30                 | 100,000                              |
| LD5594-3                  | 3       |       |                                       |   | 2/0 - 4  | 2 - 14                    | 200  | 200          | 200               | 100                 | 60          | 30                 | 100,000                              |
| LS4557-1                  | 1       | 420   | (1) 600 - 4                           | (1) 600 - 4                               | 600 - 2  | 600 - 2                   | 600  | 600          | -                 | -                   | -           | -                  | 50,000                               |
| LS4557-2                  | 2       |       |                                       |   | 400  | 400                       | 400  | 200          | 60                | 30                  | 100,000     |                    |                                      |
| LS4557-3                  | 3       |       |                                       |   | 600  | 600                       | 400  | 200          | 60                | 30                  | 100,000     |                    |                                      |
| LD35881                   | 1, 3    | 420   | 600kcmil - 2                          | 1/0 - 14 large hole,<br>2 - 14 small hole | 600kcmil - 3/0                                     | 1/0 - 8                   | 600  | 600          | 400               | 200                 | 60          | 30                 | 100,000                              |
| LD35883                   |         |       |                                       |   | 600 - 2  | 1/0 - 10                  | 200  | 200          | 200               | 100                 |             |                    |                                      |
|                           |         |       |                                       |   | 350 - 2 (Class G, H, I, K)                         | 1 - 8                     | 500  | 500          | 400               | 200                 |             |                    |                                      |
|                           |         |       |                                       |   | 350 - 2 (Class G, H, I, K)                         | 1 - 10                    | 200  | 200          | 200               | 100                 |             |                    |                                      |
| LD35951                   | 1, 2    | 420   | 600kcmil - 2                          | 4 - 14                                    | 600 - 3/0  | 4 - 8                     | 500  | 500          | 400               | 200                 | 60          | 30                 | 100,000                              |
| LD35952                   |         |       |                                       |   | 600 - 2  | 4 - 10                    | 200  | 200          | 200               | 100                 |             |                    |                                      |
|                           |         |       |                                       |   | 350 - 2 (Class G, H, I, K)                         | 6 - 10 (Class G, H, I, K) | 150  | 150          | 100               | 30                  |             |                    |                                      |
| LD35961                   | 1, 2, 3 | 510   | 250kcmil - 6                          | 4 - 14                                    | 250 - 1/0  | 4 - 10                    | 450  | 450          | 400               | 100                 | 60          | 30                 | 100,000                              |
| LD35962                   |         |       |                                       |   | 3/0 - 1/0 (Class G, H, I, K)                       | 6 - 14 (Class G, H, I, K) | 150  | 150          | 100               | 30                  |             |                    |                                      |
| LD35963                   |         |       |                                       |   |  |                           |  |              |                   |                     |             |                    |                                      |
| LD5586-1                  | 1       | 760   | (2) 500 - 4                           | (8) 2/0 - 14                              | 500-250  | 2/0 - 4                   | 600  | 600          | 400               | 200                 | 60          | 30                 | 100,000                              |
| LD5586-2                  | 2       |       |                                       |   | 4/0 - 4  | 2/0 - 10                  | 600  | 600          | -                 | -                   | -           | -                  | 50,000                               |
| LFD5586-3                 | 3       |       |                                       |   | (2) 500 - 4  | 2/0 - 4                   | 600  | 600          | 400               | 200                 | 60          | 30                 | 100,000                              |
|                           |         |       |                                       |   | 2 - 4  | 2 - 14                    | 30   | 30           | 30                | 30                  | 60 (100 kA) | 30                 | 200,000                              |
| LD5592-1                  | 1       | 760   | (2) 500 - 4                           | (12) 4 - 14                               | 500 - 250  | 4 - 8                     | 600  | 600          | 600               | -                   | -           | -                  | 50,000                               |
| LD5592-2                  | 2       |       |                                       |   | 4/0 - 4  | 4 - 14                    | 400  | 400          | 400               | 200                 | 60          | 30                 | 100,000                              |
|                           |         |       |                                       |   | 4/0 - 4  | 4 - 14                    | 600  | 600          | -                 | -                   | -           | -                  | 50,000                               |
| LFD5592-3                 | 3       |       |                                       |   | (2) 500 - 4  | 4                         | 600  | 600          | 400               | 200                 | 60          | 30                 | 100,000                              |
|                           |         | 2 - 4 | 4 - 14                                | 30  | 30   | 30                        | 30   | 60 (100 kA)  | 30                | 200,000             |             |                    |                                      |

| POWR-BLOK™ DESCRIPTION          |       |      |  |   |   |                            | HIGH SCCR REQUIREMENTS  |                 |                      |                       |         |                          |   |
|---------------------------------|-------|------|--|---|---|----------------------------|---|-----------------|----------------------|-----------------------|---------|--------------------------|---|
| LITTELFUSE<br>CATALOG<br>NUMBER | POLES | AMPS | RATED WIRE RANGE<br>(OPENINGS) kcmil/AWG |   | CONDUCTOR SIZE<br>REQUIRED (kcmil/AWG) <sup>(2)</sup> |                            | OVERCURRENT PROTECTION FUSE REQUIRED<br>CLASS / LITTELFUSE SERIES / MAX AMP RATING <sup>(3)</sup> |                 |                      |                       |         |                          | SCCR,<br>in RMS<br>Sym<br>Amps <sup>(1)</sup> |
|                                 |       |      | LINE                                     | LOAD  | LINE  | LOAD                       | J   | T               | RK1                  | RK5                   | G       | CC                       |   |
|                                 |       |      |  |   |   |                            | JTD_ID  | JLLN or<br>JLLS | LLNRK or<br>LLSRK_ID | FLNR_ID or<br>FLSR_ID | SLC     | CCMR,<br>KLDL or<br>KLKR |   |
| LD5986-1                        | 1     | 760  | (2) 500 - 4                              | (8) 2/0 - 14                                  | 500 - 250   | 2/0 - 4                    | 600   | 600             | 400                  | 200                   | 60      | 30                       | 100,000                                       |
| LD5986-2                        | 2     |      |  |   | 4/0 - 4   | 2/0 - 6                    | 600   | 600             | -                    | -                     | -       | -                        | 50,000  |
| LD5986-3                        | 3     |      |  |   | 400   | 400                        | 400   | 200             | 60                   | 30                    | 100,000 |                          |   |
| LD5992-1                        | 1     | 760  | (2) 500 - 4                              | (12) 2 - 14                                   | 500 - 250   | 2 - 8                      | 600   | 600             | 600                  | -                     | -       | -                        | 50,000  |
| LD5992-2                        | 2     |      |  |   | 400   | 400                        | 400   | 200             | 60                   | 30                    | 100,000 |                          |   |
| LD5992-3                        | 3     |      |  |   | 4/0 - 4   | 2 - 14                     | 600   | 600             | -                    | -                     | -       | -                        | 50,000  |
|                                 |       |      |  |   |   |                            | 400   | 400             | 400                  | 200                   | 60      | 30                       | 100,000                                       |
| LD54083                         | 3     | 760  | 500kcmil - 4                             | 2 - 14  | 500-250 Cu  | 4-8                        | 400   | 400             | 200                  | 100                   | 60      | 30                       | 100,000                                       |
|                                 |       |      |  |   | 500-4 Cu  | 4-10                       | 350   | 350             |                      |                       |         |                          |   |
|                                 |       |      |  |   | (2) 350-250 (Class G, H, I, K)                        | 6-8<br>(Class G, H, I, K)  | 400   | 400             |                      |                       |         |                          |   |
|                                 |       |      |  |   | (2) 350-4 (Class G, H, I, K)                          | 6-10<br>(Class G, H, I, K) | 350   | 350             |                      |                       |         |                          |   |
| LD54113                         | 1     | 840  | 600kcmil - 2                             | 3/0 - 6 large hole,<br>4 - 14 small hole      | 600kcmil - 2  | 3/0 - 6 Large hole         | 600   | 600             | 600                  | 100                   | 60      | 30                       | 100,000                                       |
|                                 |       |      |  |   |   | 2 - 6 Small hole           |   |                 |                      |                       |         |                          |   |
|                                 |       |      |  |   |   | 3/0 - 10                   | 250   | 250             | 200                  | 60                    |         |                          |   |
|                                 |       |      |  |   |   | 2 - 10 Small hole          |   |                 |                      |                       |         |                          |   |
| LD57041                         | 1, 3  | 950  | 750kcmil - 1/0                           | 2/0 - 14                                      | 750 - 1/0   | 2/0 - 2                    | 600   | 700             | 600                  | 200                   | 60      | 30                       | 100,000                                       |
| 2/0 - 6                         |       |      |  |   |   | 300                        | 300   | 200             | 100                  |                       |         |                          |   |
| LD57051                         | 1, 3  | 950  | 750kcmil - 1/0                           | 250kcmil - 6 large hole,<br>2 - 14 small hole | 750 - 1/0   | 250 - 2                    | 600   | 700             | 600                  | 200                   | 60      | 30                       | 100,000                                       |
| 250 - 6                         |       |      |  |   |   | 300                        | 300   | 200             | 100                  |                       |         |                          |   |
| 2 - 6                           |       |      |  |   |   | 300                        | 300   | 200             | 100                  |                       |         |                          |   |
| LD57071                         | 1, 3  | 950  | 750kcmil - 1/0                           | 3/0 - 6 large hole,<br>2 - 14 small hole      | 750 - 1/0   | 3/0 - 2                    | 600   | 700             | 600                  | 200                   | 60      | 30                       | 100,000                                       |
|                                 |       |      |  |   |   | 3/0 - 6                    | 300   | 300             | 200                  | 100                   |         |                          |   |
|                                 |       |      |  |   |   | 2 - 6                      | 300   | 300             | 200                  | 100                   |         |                          |   |

# GBD Series

| POWR-BLOK™ DESCRIPTION    |       |      |                                       |                |  |               | HIGH SCCR REQUIREMENTS   |              |                   |                     |     |                    |                                      |
|---------------------------|-------|------|---------------------------------------|----------------|--|---------------|--|--------------|-------------------|---------------------|-----|--------------------|--------------------------------------|
| LITTELFUSE CATALOG NUMBER | POLES | AMPS | RATED WIRE RANGE (OPENINGS) kcmil/AWG |                | CONDUCTOR SIZE REQUIRED (kcmil/AWG) <sup>(2)</sup> |               | OVERCURRENT PROTECTION FUSE REQUIRED CLASS / LITTELFUSE SERIES / MAX AMP RATING <sup>(3)</sup> |              |                   |                     |     |                    | SCCR, in RMS Sym Amps <sup>(1)</sup> |
|                           |       |      | LINE                                  | LOAD           | LINE   | LOAD          | J  | T            | RK1               | RK5                 | G   | CC                 |                                      |
|                           |       |      |                                       |                |  |               | JTD_ID   | JLLN or JLLS | LLNRK or LLSRK_ID | FLNR_ID or FLRSR_ID | SLC | CCMR, KLDR or KLKR |                                      |
| GDB60801Z                 | 1     | 80   | (1) 8 - 4                             | (6) 8 - 4      | 8 - 4  | 14-10 sol/str | 80   | -            | -                 | -                   | -   | -                  | 100,000                              |
| GDB61151Z                 | 1     | 115  | (2) 1x 8 - 2                          | (6) 14 - 4     | 8 - 2  | 14-4 sol/str  | 125  | -            | -                 | -                   | -   | -                  | 100,000                              |
|                           |       |      | 1x 10 - 6                             | (6) 14 - 4     |  | 14-4 sol/str  |  | -            | -                 | -                   | -   |                    |                                      |
| GDB61153Z                 | 3     | 115  | (1) 8 - 2                             | (6) 14 - 4     | 8 - 2  | 14-4 sol/str  | 125  | -            | -                 | -                   | -   | -                  | 100,000                              |
| GDBAD211Z                 | 1     | 115  | (1) 14 - 2                            | (1) 14 - 2     | 14 - 2   | 14 - 2        | 175  | 225          | 100               | 60                  | 60  | 30                 | 100,000                              |
| GDBAD241Z                 | 1     | 115  | (1) 10 - 2                            | (4) 14 - 10    | 10 - 2   | 14 - 10       | 125  | 200          | 100               | 30                  | 60  | 30                 | 65,000                               |
| GDB61601Z                 | 1     | 160  | (1) 8 - 2/0                           | (6) 14 - 4     | 8 - 2/0  | 14-4 sol/str  | 175  | -            | -                 | -                   | -   | -                  | 100,000                              |
| GDB61753Z                 | 3     | 175  | (1) 8 - 2/0                           | (6) 14 - 4     | 8 - 2/0  | 14-4 sol/str  | 175  | -            | -                 | -                   | -   | -                  | 100,000                              |
| GDBAD421Z                 | 1     | 200  | (1) 8 - 3/0                           | (1) 8 - 3/0    | 8 - 3/0  | 8 - 3/0       | 225  | 225          | 200               | 60                  | 60  | 30                 | 100,000                              |
| GDBAP421Z                 | 1     | 200  | (1) 8 - 3/0                           | (1) 8 - 3/0    | 8 - 3/0  | 8 - 3/0       | 225  | 225          | 200               | 60                  | 60  | 30                 | 100,000                              |
| GDBAD451Z                 | 1     | 200  | (1) 8 - 3/0                           | (4) 8 - 2      | 8 - 3/0  | 8 - 2         | 225  | 225          | 200               | 60                  | 60  | 30                 | 100,000                              |
|                           |       |      | (1) 8 - 3/0                           | (4) 14 - 8     |  | 14 - 8        |  |              |                   |                     |     |                    |                                      |
| GDBAP451Z                 | 1     | 200  | (1) 8 - 3/0                           | (4) 8 - 2      | 8 - 3/0  | 8 - 2         | 225  | 225          | 200               | 60                  | 60  | 30                 | 100,000                              |
|                           |       |      | (1) 8 - 3/0                           | (4) 14 - 8     |  | 14 - 8        |  |              |                   |                     |     |                    |                                      |
| GDB63101Z                 | 1     | 310  | (1) 3/0 - 350                         | (11) 2x 14 - 2 | 3/0 - 350  | 14 - 6 (Top)  | 350  | -            | -                 | -                   | -   | -                  | 100,000                              |
|                           |       |      |                                       | 5x 14 - 6      |  | 14 - 8 (Mid)  |  | -            | -                 | -                   | -   |                    |                                      |
|                           |       |      |                                       | 4x 14 - 8      |  | 14 - 2 (Bot)  |  | -            | -                 | -                   | -   |                    |                                      |
| GDBAD741Z                 | 1     | 335  | (1) 6 - 400 kcmil                     | (8) 14 - 2     | 6 - 400 kcmil                                      | 14 - 2        | -  | -            | -                 | -                   | -   | -                  | 10,000                               |
|                           |       |      | (1) 14 - 3/0                          | (8) 14 - 2     |  | 14 - 3/0      |  |              |                   |                     |     |                    |                                      |

**NOTE:** The connectors were tested and approved at 90oC per UL 486 A/B - ampacity reflect 90oC column in Table 310-16 of NEC.

<sup>(1)</sup> Short-circuit current ratings may be marked on the block or instructions provided with the terminal block

<sup>(2)</sup> Size range of conductors necessary to maintain noted SCCR

<sup>(3)</sup> Maximum size of line side overcurrent protection to provide noted SCCR