

| Connection |        | Maximum Rating |                                    |   |   |  |   |   |  |  |   |  |     |
|------------|--------|----------------|------------------------------------|---|---|--|---|---|--|--|---|--|-----|
| Circuit    | Symbol | Vces<br>(V)    | Ic(A)                              |   |   |  |   |   |  |  |   |  |     |
|            |        |                | 8                                  | 15  | 25  | 50   | 75  | 100   | 150  | 200  | 300   | 400  | 500 |
| ①          | BS     | 600            | GT8J101★<br>GT8J102(SM)★           | GT15J101★<br>GT15J102★<br>GT15J103(SM)★     | GT25J101★<br>MG25J1BS11   | GT50J101★<br>GT50J102★<br>MG50J1BS11   | GT60J101★ (60A)<br>GT80J101★ (80A)<br>MG75J1SB11    | MG100J1BS11   | MG150J1BS11  |  |   |  |     |
|            |        | 1000           |                                    |   |   | GT50M101★ (900V)<br>GT60M102★<br>GT60M103★<br>GT60M104★ (900V/60A)<br>MG75Q1BS11 |   |   |  |  |   |  |     |
|            |        | 1200           | GT8Q101★<br>GT8Q102(SM)★           | MG150Q1BS11<br>GT15Q101★                    | MG25Q1BS11<br>GT25Q101★<br>MG25Q1BS1  | MG50Q1BS11<br>MG50Q1BS1<br>GT50T101★ (1500V/50A)                                 | MG75Q1BS11  |   |  |  |   |  |     |
| ②          | US     | 600            |                                    |   |   | GT50J301★  | GT60M301★   |   |  |  | MG300J1US1  | MG400J1US11<br>MG400J1US1<br>MG400J1US2<br>MG400J1US21<br>MG400J1US41<br>MG400J1US42<br>MG400J1US44<br>MG400J1US46 |     |
|            |        | 1000           |                                    |   |   |  |   |   |  | MG200N1US41  | MG300N1US41<br>MG300N1US42  | MG400N1US41<br>MG400N1US42   |     |
|            |        | 1200           |                                    |   |   |  |   |   |  | MG200Q1US1<br>MG200Q1US11<br>MG200Q1US41                 | MG300Q1US1<br>MG300Q1US41<br>MG300Q1US42<br>MG300Q1US2<br>MG300Q1US21 | MG400Q1US1<br>MG400Q1US11<br>MG400Q1US2<br>MG400Q1US41<br>MG400Q1US42<br>MG400Q1US21                               |     |
| ③          | YS     | 500            |                                    |   |   |  |   | (450V)<br>MG100G2YS1                                    |  |  |   |  |     |
|            |        | 600            |                                    |   | MG25J2YS9<br>MG25J2YS91   | MG50J2YS9<br>MG50J2YS40<br>MG50J2YS45  | MG75J2YS9<br>MG75J2YS91<br>MG75J2YS40<br>MG75J2YS45 | MG100J2YS9<br>MG100J2YS91<br>MG100J2YS40<br>MG100J2YS45 | MG150J2YS11<br>MG150J2YS21<br>MG150J2YS40<br>MG150J2YS45 | MG200J2YS11<br>MG200J2YS21<br>MG200J2YS40<br>MG200J2YS45 | MG300J2YS1<br>MG300J2YS21<br>MG300J2YS40<br>MG300J2YS45               | MG400J2YS40<br>MG400J2YS45   |     |
|            |        | 1000           |                                    |   | MG25N2YS40  | MG50N2YS40   | MG75N2YS40  | MG100N2YS40   | MG150N2YS40  |  |   |  |     |
|            |        | 1200           |                                    | MG15Q2YS9                                   | MG25Q2YS40<br>MG25Q2YS9<br>MG25Q2YS91   | MG50Q2YS9<br>MG50Q2YS40  | MG75Q2YS1<br>MG75Q2YS11<br>MG75Q2YS40               | MG100Q2YS9<br>MG100Q2YS40<br>MG100Q2YS91                | MG150Q2YS9<br>MG150Q2YS40                                | MG200Q2YS9<br>MG200Q2YS40                                | MG300Q2YS40<br>MG300Q2YS9<br>MG300Q2YS91                              |  |     |
| ④          | ZS     | 600            |                                    |   | MG50J1ZS40  | MG75J1ZS40   | MG100J1ZS40   |   |  |  |   |  |     |
| ⑤          | ES     | 600            | MG8J6ES1                           | MP6750<br>MP6751<br>MG15J6ES1<br>MG15J6ES40 | MP6752(20A)<br>MP6753(20A)<br>MG30J6ES11 (30A)<br>MG25J6ES1<br>MG25J6ES40<br>MG25J6ES42 | MG50J6ES11<br>MG50J6ES1<br>MG50J6ES45<br>MG50J6ES40                              | MG75J6ES1<br>MG75J6ES40                             | MG100J6ES1<br>MG100J6ES91<br>MG100J6ES40                |  |  |   |  |     |
|            |        | 1000           | MG8N6ES46<br>MG8N6ES42             | MG15N6ES46<br>MG15N6ES42                    | MG25N6ES42<br>MG25N6ES46  | MG50N6ES40   |   |   |  |  |   |  |     |
|            |        | 1200           | MG8Q6ES42<br>MG8Q6ES1<br>MG8Q6ES46 | MG15Q6ES42<br>MG15Q6ES1<br>MG15Q6ES46       | MG25Q6ES11<br>MG25Q6ES1<br>MG25Q6ES46<br>MG25Q6ES42                                     | MG50Q6ES11<br>MG50Q6ES1  |   |   |  |  |   |  |     |

\*: Non-isolated type    \*\*: Under development

