

| Type | V <sub>ce</sub> | I <sub>c</sub> | R <sub>thjc</sub> | P <sub>tot</sub> | V <sub>cesat</sub> | Page |
|------|-----------------|----------------|-------------------|------------------|--------------------|------|
|      | V               | A              | K/W               | W                | V                  |      |

### 600 V-Types

#### 3-Phase-Full-Bridges

|                         |     |        |       |     |     |     |
|-------------------------|-----|--------|-------|-----|-----|-----|
| BSM 10 GD 60 DN 2       | 600 | 6 x 10 | ≤ 3.5 | 35  | 2.1 | 77  |
| BSM 15 GD 60 DN 2       | 600 | 6 x 15 | ≤ 2.9 | 50  | 2.1 | 86  |
| BSM 20 GD 60 DN 2       | 600 | 6 x 20 | ≤ 1.6 | 90  | 2.1 | 95  |
| BSM 20 GD 60 DN 2 E3224 | 600 | 6 x 20 | ≤ 1.6 | 90  | 2.1 | 104 |
| BSM 30 GD 60 DN 2       | 600 | 6 x 30 | ≤ 1.2 | 125 | 2.1 | 105 |
| BSM 30 GD 60 DN 2 E3224 | 600 | 6 x 30 | ≤ 1.2 | 125 | 2.1 | 114 |
| BSM 50 GD 60 DN 2       | 600 | 6 x 50 | ≤ 0.6 | 200 | 2.1 | 115 |
| BSM 50 GD 60 DN 2 E3226 | 600 | 6 x 50 | ≤ 0.6 | 200 | 2.1 | 124 |

#### Half-Bridges

|                    |     |         |        |      |     |     |
|--------------------|-----|---------|--------|------|-----|-----|
| BSM 400 GB 60 DN 2 | 600 | 2 x 400 | ≤ 0.09 | 1400 | 2.6 | 133 |
|--------------------|-----|---------|--------|------|-----|-----|

### 1200 V-Types

#### 3-Phase-Full-Bridges

|                          |      |         |         |     |     |     |
|--------------------------|------|---------|---------|-----|-----|-----|
| BSM 10 GD 120 DN 2       | 1200 | 6 x 10  | ≤ 1.52  | 80  | 2.7 | 145 |
| BSM 10 GD 120 DN 2 E3224 | 1200 | 6 x 10  | ≤ 1.52  | 80  | 2.7 | 154 |
| BSM 15 GD 120 DN 2       | 1200 | 6 x 15  | ≤ 0.86  | 145 | 2.5 | 155 |
| BSM 15 GD 120 DN 2 E3224 | 1200 | 6 x 15  | ≤ 0.86  | 145 | 2.5 | 164 |
| BSM 15 GD 120 D 2        | 1200 | 6 x 15  | ≤ 0.86  | 145 | 2.5 | 165 |
| BSM 25 GD 120 DN 2       | 1200 | 6 x 25  | ≤ 0.6   | 200 | 2.5 | 174 |
| BSM 25 GD 120 DN 2 E3224 | 1200 | 6 x 25  | ≤ 0.6   | 200 | 2.5 | 183 |
| BSM 25 GD 120 D 2        | 1200 | 6 x 25  | ≤ 0.6   | 200 | 2.5 | 184 |
| BSM 35 GD 120 DN 2       | 1200 | 6 x 35  | ≤ 0.44  | 280 | 2.7 | 193 |
| BSM 35 GD 120 DN 2 E3224 | 1200 | 6 x 35  | ≤ 0.44  | 280 | 2.7 | 202 |
| BSM 35 GD 120 D 2        | 1200 | 6 x 35  | ≤ 0.44  | 280 | 2.7 | 203 |
| BSM 50 GD 120 DN 2       | 1200 | 6 x 50  | ≤ 0.35  | 350 | 2.5 | 212 |
| BSM 50 GD 120 DN 2 E3226 | 1200 | 6 x 45  | ≤ 0.35  | 350 | 2.5 | 221 |
| BSM 75 GD 120 DN 2       | 1200 | 6 x 75  | ≤ 0.239 | 500 | 2.5 | 230 |
| BSM 100 GD 120 DN 2      | 1200 | 6 x 100 | ≤ 0.182 | 500 | 2.5 | 239 |

| Type | V <sub>ce</sub> | I <sub>c</sub> | R <sub>thjc</sub> | P <sub>tot</sub> | V <sub>cesat</sub> | Page |
|------|-----------------|----------------|-------------------|------------------|--------------------|------|
|      | V               | A              | K/W               | W                | V                  |      |

### Tripack

|                     |      |         |         |     |     |     |
|---------------------|------|---------|---------|-----|-----|-----|
| BSM 150 GT 120 DN 2 | 1200 | 3 x 150 | ≤ 0.239 | 500 | 2.5 | 248 |
| BSM 200 GT 120 DN 2 | 1200 | 3 x 200 | ≤ 0.182 | 500 | 2.5 | 257 |

### Half-Bridges

|                           |      |         |         |      |     |     |
|---------------------------|------|---------|---------|------|-----|-----|
| BSM 25 GB 120 DN 2        | 1200 | 2 x 25  | ≤ 0.6   | 200  | 2.5 | 266 |
| BSM 35 GB 120 DN 2        | 1200 | 2 x 35  | ≤ 0.44  | 280  | 2.7 | 275 |
| BSM 50 GB 120 DN 2        | 1200 | 2 x 50  | ≤ 0.3   | 400  | 2.5 | 284 |
| BSM 75 GB 120 DN 2        | 1200 | 2 x 75  | ≤ 0.2   | 625  | 2.5 | 293 |
| BSM 100 GB 120 DN 2 K     | 1200 | 2 x 100 | ≤ 0.18  | 700  | 2.5 | 302 |
| BSM 100 GB 120 DN 2       | 1200 | 2 x 100 | ≤ 0.16  | 800  | 2.5 | 311 |
| BSM 150 GB 120 DN 2       | 1200 | 2 x 150 | ≤ 0.1   | 1250 | 2.5 | 320 |
| BSM 150 GB 120 DN 2 E3166 | 1200 | 2 x 150 | ≤ 0.1   | 1250 | 2.5 | 329 |
| BSM 200 GB 120 DN 2       | 1200 | 2 x 200 | ≤ 0.095 | 1400 | 2.5 | 338 |

### 1200 V-Types

#### Choppers

|                      |      |     |        |      |     |     |
|----------------------|------|-----|--------|------|-----|-----|
| BSM 50 GAL 120 DN 2  | 1200 | 50  | ≤ 0.3  | 400  | 2.5 | 347 |
| BSM 75 GAL 120 DN 2  | 1200 | 75  | ≤ 0.20 | 625  | 2.5 | 352 |
| BSM 100 GAL 120 DN 2 | 1200 | 100 | ≤ 0.16 | 800  | 2.5 | 357 |
| BSM 150 GAL 120 DN 2 | 1200 | 150 | ≤ 0.1  | 1250 | 2.5 | 362 |
| BSM 200 GAL 120 DN 2 | 1200 | 200 | ≤ 0.09 | 1400 | 2.5 | 367 |

#### Single Switches

|                           |      |     |         |      |     |     |
|---------------------------|------|-----|---------|------|-----|-----|
| BSM 200 GA 120 DN 2       | 1200 | 200 | ≤ 0.08  | 1550 | 2.5 | 372 |
| BSM 200 GA 120 DN 2 S     | 1200 | 200 | ≤ 0.08  | 1550 | 2.5 | 381 |
| BSM 300 GA 120 DN 2       | 1200 | 300 | ≤ 0.05  | 2500 | 2.5 | 382 |
| BSM 300 GA 120 DN 2 S     | 1200 | 300 | ≤ 0.05  | 2500 | 2.5 | 391 |
| BSM 300 GA 120 DN 2 E3166 | 1200 | 300 | ≤ 0.05  | 2500 | 2.5 | 392 |
| BSM 400 GA 120 DN 2       | 1200 | 400 | ≤ 0.045 | 2800 | 2.5 | 401 |
| BSM 400 GA 120 DN 2 S     | 1200 | 400 | ≤ 0.045 | 2800 | 2.5 | 410 |

#### Single Diode

|                    |      |     |         |      |     |     |
|--------------------|------|-----|---------|------|-----|-----|
| BYM 300 A 120 DN 2 | 1200 | 300 | ≤ 0.125 | 1000 | 2.3 | 411 |
|--------------------|------|-----|---------|------|-----|-----|

| Type | V <sub>ce</sub> | I <sub>c</sub> | R <sub>thjc</sub> | P <sub>tot</sub> | V <sub>cesat</sub> | Page |
|------|-----------------|----------------|-------------------|------------------|--------------------|------|
|      | V               | A              | K/W               | W                | V                  |      |

### 1700 V-Types

#### Half-Bridges

|                           |      |         |        |      |     |     |
|---------------------------|------|---------|--------|------|-----|-----|
| BSM 50 GB 170 DN 2        | 1700 | 2 x 50  | ≤ 0.25 | 500  | 3.5 | 417 |
| BSM 75 GB 170 DN 2        | 1700 | 2 x 75  | ≤ 0.2  | 625  | 3.5 | 426 |
| BSM 100 GB 170 DN 2       | 1700 | 2 x 100 | ≤ 0.13 | 1000 | 3.5 | 435 |
| BSM 150 GB 170 DN 2       | 1700 | 2 x 150 | ≤ 0.1  | 1250 | 3.5 | 444 |
| BSM 150 GB 170 DN 2 E3166 | 1700 | 2 x 150 | ≤ 0.1  | 1250 | 3.5 | 453 |

#### Single Switches

|                           |      |     |        |      |     |     |
|---------------------------|------|-----|--------|------|-----|-----|
| BSM 200 GA 170 DN 2       | 1700 | 200 | ≤ 0.07 | 1750 | 3.5 | 462 |
| BSM 200 GA 170 DN 2 S     | 1700 | 200 | ≤ 0.07 | 1750 | 3.5 | 471 |
| BSM 300 GA 170 DN 2       | 1700 | 300 | ≤ 0.05 | 2500 | 3.5 | 472 |
| BSM 300 GA 170 DN 2 S     | 1700 | 300 | ≤ 0.05 | 2500 | 3.5 | 481 |
| BSM 300 GA 170 DN 2 E3166 | 1700 | 300 | ≤ 0.05 | 2500 | 3.5 | 482 |

#### Single Diodes

|                    |      |     |        |      |     |     |
|--------------------|------|-----|--------|------|-----|-----|
| BYM 300 A 170 DN 2 | 1700 | 250 | ≤ 0.15 | 830  | 2.3 | 491 |
| BYM 600 A 170 DN 2 | 1700 | 400 | ≤ 0.09 | 1400 | 2.3 | 495 |

| Typ<br>Type | Bestellnummer<br>Ordering Code |
|-------------|--------------------------------|
|-------------|--------------------------------|

## 600 V-Types

|                             |                  |
|-----------------------------|------------------|
| <b>3-Phase-Full-Bridges</b> |                  |
| BSM 10 GD 60 DN 2           | C67076-A2508-A67 |
| BSM 15 GD 60 DN 2           | C67076-A2510-A67 |
| BSM 20 GD 60 DN 2           | C67076-A2511-A67 |
| BSM 20 GD 60 DN 2 E3224     | C67070-A2511-A67 |
| BSM 30 GD 60 DN 2           | C67076-A2512-A67 |
| BSM 30 GD 60 DN 2 E3224     | C67070-A2512-A67 |
| BSM 50 GD 60 DN 2           | C67076-A2515-A67 |
| BSM 50 GD 60 DN 2 E3226     | C67070-A2515-A67 |
| <b>Half-Bridges</b>         |                  |
| BSM 400 GB 60 DN 2          | C67070-A2120-A67 |

## 1200 V-Types

|                             |                  |
|-----------------------------|------------------|
| <b>3-Phase-Full-Bridges</b> |                  |
| BSM 10 GD 120 DN 2          | C67076-A2513-A67 |
| BSM 10 GD 120 DN 2 E3224    | C67070-A2513-A67 |
| BSM 15 GD 120 DN 2          | C67076-A2504-A67 |
| BSM 15 GD 120 DN 2 E3224    | C67070-A2504-A67 |
| BSM 15 GD 120 D 2           | C67076-A2504-A17 |
| BSM 25 GD 120 DN 2          | C67076-A2505-A67 |
| BSM 25 GD 120 DN 2 E3224    | C67070-A2505-A67 |
| BSM 25 GD 120 D 2           | C67076-A2505-A17 |
| BSM 35 GD 120 DN 2          | C67076-A2506-A67 |
| BSM 35 GD 120 DN 2 E3224    | C67070-A2506-A67 |
| BSM 35 GD 120 D 2           | C67076-A2506-A17 |
| BSM 50 GD 120 DN 2          | C67076-A2514-A67 |
| BSM 50 GD 120 DN 2 E3226    | C67070-A2514-A67 |
| BSM 75 GD 120 DN 2          | C67070-A2516-A67 |
| BSM 100 GD 120 DN 2         | C67070-A2517-A67 |
| <b>Tripack</b>              |                  |
| BSM 150 GT 120 DN 2         | C67070-A2518-A67 |
| BSM 200 GT 120 DN 2         | C67070-A2519-A67 |
| <b>Half-Bridges</b>         |                  |
| BSM 25 GB 120 DN 2          | C67076-A2109-A70 |
| BSM 35 GB 120 DN 2          | C67070-A2111-A70 |
| BSM 50 GB 120 DN 2          | C67076-A2105-A70 |
| BSM 75 GB 120 DN 2          | C67076-A2106-A70 |
| BSM 100 GB 120 DN 2 K       | C67070-A2107-A70 |
| BSM 100 GB 120 DN 2         | C67076-A2107-A70 |
| BSM 150 GB 120 DN 2         | C67076-A2108-A70 |
| BSM 150 GB 120 DN 2 E3166   | C67076-A2112-A70 |

| Typ<br>Type          | Bestellnummer<br>Ordering Code |
|----------------------|--------------------------------|
| BSM 200 GB 120 DN 2  | C67070-A2300-A70               |
| <b>Choppers</b>      |                                |
| BSM 50 GAL 120 DN 2  | C67076-A2010-A70               |
| BSM 75 GAL 120 DN 2  | C67076-A2011-A70               |
| BSM 100 GAL 120 DN 2 | C67076-A2012-A70               |
| BSM 150 GAL 120 DN 2 | C67076-A2013-A70               |
| BSM 200 GAL 120 DN 2 | C67070-A2301-A70               |

### 1200 V-Types

|                           |                  |
|---------------------------|------------------|
| <b>Single Switches</b>    |                  |
| BSM 200 GA 120 DN 2       | C67076-A2006-A70 |
| BSM 200 GA 120 DN 2 S     | C67070-A2006-A70 |
| BSM 300 GA 120 DN 2       | C67076-A2007-A70 |
| BSM 300 GA 120 DN 2 E3166 | C67070-A2007-A70 |
| BSM 300 GA 120 DN 2 S     | C67070-A2017-A70 |
| BSM 400 GA 120 DN 2       | C67070-A2302-A70 |
| BSM 400 GA 120 DN 2 S     | C67070-A2308-A70 |
| <b>Single Diode</b>       |                  |
| BYM 300 A 120 DN 2        | C67067-A2900-A70 |

### 1700 V-Types

|                           |                  |
|---------------------------|------------------|
| <b>Half-Bridges</b>       |                  |
| BSM 50 GB 170 DN 2        | C67070-A2701-A67 |
| BSM 75 GB 170 DN 2        | C67070-A2702-A67 |
| BSM 100 GB 170 DN 2       | C67070-A2703-A67 |
| BSM 150 GB 170 DN 2       | C67070-A2704-A67 |
| BSM 150 GB 170 DN 2 E3166 | C67070-A2709-A67 |
| <b>Single Switches</b>    |                  |
| BSM 200 GA 170 DN 2       | C67070-A2705-A67 |
| BSM 200 GA 170 DN 2 S     | C67070-A2707-A67 |
| BSM 300 GA 170 DN 2       | C67070-A2706-A67 |
| BSM 300 GA 170 DN 2 E3166 | C67070-A2710-A67 |
| BSM 300 GA 170 DN 2 S     | C67070-A2708-A67 |
| <b>Single Diodes</b>      |                  |
| BYM 300 A 170 DN 2        | C67070-A2901-A67 |
| BYM 600 A 170 DN 2        | C67070-A2902-A67 |