

## mouldings

## moulages

| Types | VRRM<br>(V) | VRMS<br>recom-<br>mended<br>max<br>(V) | I <sub>d</sub><br>on re-<br>sistive<br>load<br><i>sur charge<br/>résistive</i><br>(A) | Use<br><i>Fonction</i> | I <sub>dsm</sub> /<br>I <sub>fsm</sub><br>(A) | I <sub>R</sub> per diode<br>@ V <sub>R</sub> |                | Case |
|-------|-------------|----------------------------------------|---------------------------------------------------------------------------------------|------------------------|-----------------------------------------------|----------------------------------------------|----------------|------|
|       |             |                                        |                                                                                       |                        |                                               | 25 °C<br>(μA)                                | 125 °C<br>(mA) |      |

### Paralled diode pairs

Bivalves 1 Amp T<sub>amb</sub> = 45 °C

|                                                                 |     |     |   |  |    |    |      |            |
|-----------------------------------------------------------------|-----|-----|---|--|----|----|------|------------|
| FN/CA 12 200                                                    | 100 | 50  | 1 |  | 20 | 10 | 0.25 | <br>CB-356 |
| FN/CB 12 200                                                    | 200 | 80  | 1 |  | 20 | 10 | 0.25 |            |
| FN/CD 12 200                                                    | 400 | 150 | 1 |  | 20 | 10 | 0.25 |            |
| FN/CF 12 200                                                    | 600 | 250 | 1 |  | 20 | 10 | 0.25 |            |
| <b>Controlled avalanche series</b><br>série avalanche contrôlée |     |     |   |  |    |    |      |            |
| FN/CD 13 200                                                    | 400 | 220 | 1 |  | 20 | 10 | 0.25 | <br>CB-356 |
| FN/CF 13 200                                                    | 600 | 330 | 1 |  | 20 | 10 | 0.25 |            |
| FN/CH 13 200                                                    | 800 | 440 | 1 |  | 20 | 10 | 0.25 |            |
|                                                                 |     |     |   |  | 20 | 10 | 0.25 |            |

|                                                                 |     |     |   |  |    |    |      |            |
|-----------------------------------------------------------------|-----|-----|---|--|----|----|------|------------|
| FN/CA 12 300                                                    | 100 | 50  | 1 |  | 20 | 10 | 0.25 | <br>CB-358 |
| FN/CB 12 300                                                    | 200 | 80  | 1 |  | 20 | 10 | 0.25 |            |
| FN/CD 12 300                                                    | 400 | 150 | 1 |  | 20 | 10 | 0.25 |            |
| FN/CF 12 300                                                    | 600 | 250 | 1 |  | 20 | 10 | 0.25 |            |
| <b>Controlled avalanche series</b><br>série avalanche contrôlée |     |     |   |  |    |    |      |            |
| FN/CD 13 300                                                    | 400 | 220 | 1 |  | 20 | 10 | 0.25 | <br>CB-358 |
| FN/CF 13 300                                                    | 600 | 330 | 1 |  | 20 | 10 | 0.25 |            |
| FN/CH 13 300                                                    | 800 | 440 | 1 |  | 20 | 10 | 0.25 |            |
|                                                                 |     |     |   |  | 20 | 10 | 0.25 |            |

### Series diodes pairs

Doubleurs 0,5 Amp T<sub>amb</sub> = 45 °C

|                                                                 |     |     |     |  |    |    |      |            |
|-----------------------------------------------------------------|-----|-----|-----|--|----|----|------|------------|
| FDA 12 200                                                      | 100 | 50  | 0.5 |  | 20 | 10 | 0.25 | <br>CB-356 |
| FDB 12 200                                                      | 200 | 80  | 0.5 |  | 20 | 10 | 0.25 |            |
| FDD 12 200                                                      | 400 | 150 | 0.5 |  | 20 | 10 | 0.25 |            |
| FDF 12 200                                                      | 600 | 250 | 0.5 |  | 20 | 10 | 0.25 |            |
| <b>Controlled avalanche series</b><br>série avalanche contrôlée |     |     |     |  |    |    |      |            |
| FDD 13 200                                                      | 400 | 220 | 0.5 |  | 20 | 10 | 0.25 | <br>CB-356 |
| FDF 13 200                                                      | 600 | 330 | 0.5 |  | 20 | 10 | 0.25 |            |
| FDH 13 200                                                      | 800 | 440 | 0.5 |  | 20 | 10 | 0.25 |            |
|                                                                 |     |     |     |  | 20 | 10 | 0.25 |            |

|                                                                 |     |     |     |  |    |    |      |            |
|-----------------------------------------------------------------|-----|-----|-----|--|----|----|------|------------|
| FDA 12 300                                                      | 100 | 50  | 0.5 |  | 20 | 10 | 0.25 | <br>CB-358 |
| FDB 12 300                                                      | 200 | 80  | 0.5 |  | 20 | 10 | 0.25 |            |
| FDD 12 300                                                      | 400 | 150 | 0.5 |  | 20 | 10 | 0.25 |            |
| FDF 12 300                                                      | 600 | 250 | 0.5 |  | 20 | 10 | 0.25 |            |
| <b>Controlled avalanche series</b><br>série avalanche contrôlée |     |     |     |  |    |    |      |            |
| FDD 13 300                                                      | 400 | 220 | 0.5 |  | 20 | 10 | 0.25 | <br>CB-358 |
| FDF 13 300                                                      | 600 | 330 | 0.5 |  | 20 | 10 | 0.25 |            |
| FDH 13 300                                                      | 800 | 440 | 0.5 |  | 20 | 10 | 0.25 |            |
|                                                                 |     |     |     |  | 20 | 10 | 0.25 |            |

Please, consult us for other mouldings

Nous consulter pour des moulages différents

## mouldings

## moulages

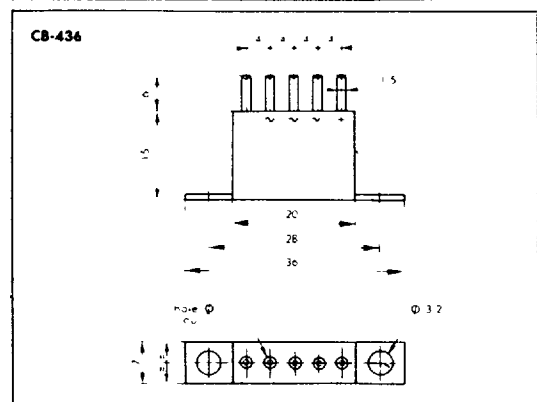
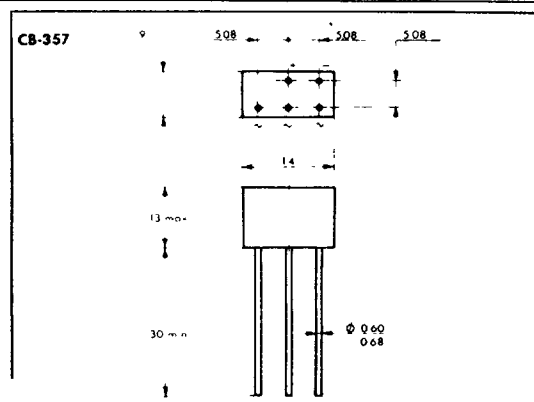
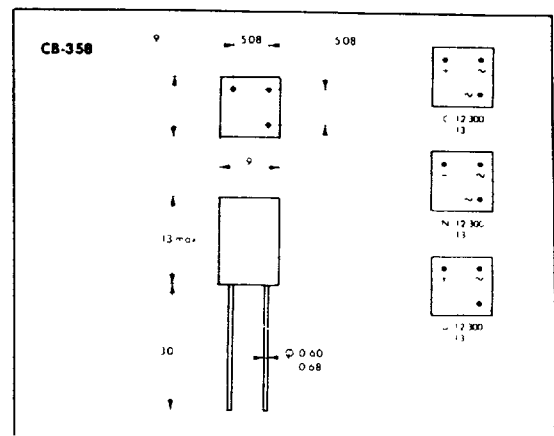
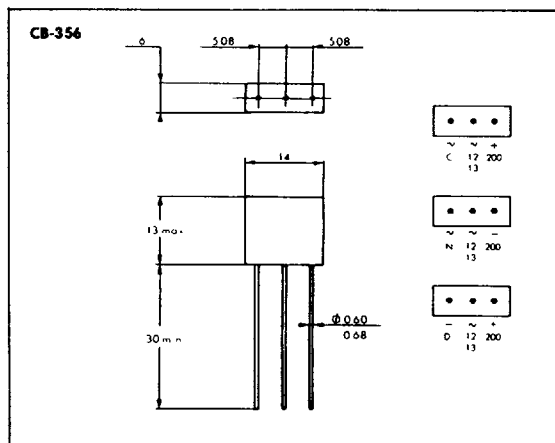
## three phase bridges

ponts triphasés 1,5 A  $T_{amb} = 45^{\circ}\text{C}$ 

| Types                                                    | $V_{RRM}$ | $V_{RMS}$<br>recom-<br>mended<br>max | $I_d$<br>on re-<br>sistive<br>load<br><i>sur charge<br/>résistive</i> | Use<br><br>Fonction | $I_{dsm}/$<br>$I_{fsm}$ | $I_R$ per diode<br>@ $V_R$ |                    | Case       |
|----------------------------------------------------------|-----------|--------------------------------------|-----------------------------------------------------------------------|---------------------|-------------------------|----------------------------|--------------------|------------|
|                                                          | (V)       | (V)                                  | (A)                                                                   |                     |                         | 25 °C<br><br>( $\mu$ A)    | 125 °C<br><br>(mA) |            |
| FGA 12 302                                               | 100       | 50                                   | 1.5                                                                   |                     | 20                      | 10                         | 0.25               | <br>CB-357 |
| FGB 12 302                                               | 200       | 80                                   | 1.5                                                                   |                     | 20                      | 10                         | 0.25               |            |
| FBD 12 302                                               | 400       | 150                                  | 1.5                                                                   |                     | 20                      | 10                         | 0.25               |            |
| FGF 12 302                                               | 600       | 250                                  | 1.5                                                                   |                     | 20                      | 10                         | 0.25               |            |
| Controlled avalanche series<br>série avalanche contrôlée |           |                                      |                                                                       |                     |                         |                            |                    |            |
| FGD 13 302                                               | 400       | 220                                  | 1.5                                                                   |                     | 20                      | 10                         | 0.25               |            |
| FGF 13 302                                               | 600       | 330                                  | 1.5                                                                   |                     | 20                      | 10                         | 0.25               |            |
| FGH 13 302                                               | 800       | 440                                  | 1.5                                                                   |                     | 20                      | 10                         | 0.25               |            |
| FGA 12 502                                               | 100       | 50                                   | 1.5                                                                   |                     | 20                      | 10                         | 0.25               | <br>CB-436 |
| FGB 12 502                                               | 200       | 80                                   | 1.5                                                                   |                     | 20                      | 10                         | 0.25               |            |
| FGD 12 502                                               | 400       | 150                                  | 1.5                                                                   |                     | 20                      | 10                         | 0.25               |            |
| FGF 12 502                                               | 600       | 250                                  | 1.5                                                                   |                     | 20                      | 10                         | 0.25               |            |
| Controlled avalanche series<br>série avalanche contrôlée |           |                                      |                                                                       |                     |                         |                            |                    |            |
| FGD 13 502                                               | 400       | 220                                  | 1.5                                                                   |                     | 20                      | 10                         | 0.25               |            |
| FGF 13 502                                               | 600       | 330                                  | 1.5                                                                   |                     | 20                      | 10                         | 0.25               |            |
| FGH 13 502                                               | 800       | 440                                  | 1.5                                                                   |                     | 20                      | 10                         | 0.25               |            |

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## mouldings

## moulages

| Types | VRRM<br>(V) | VRMS<br>recom-<br>mended<br>max<br>(V) | I <sub>d</sub><br>on re-<br>sistive<br>load<br><i>sur charge<br/>résistive</i><br>(A) | Use<br><i>Fonction</i> | I <sub>dsm</sub> /<br>I <sub>fsm</sub><br>(A) | I <sub>R</sub> per diode<br>@ V <sub>R</sub> |                | Case |
|-------|-------------|----------------------------------------|---------------------------------------------------------------------------------------|------------------------|-----------------------------------------------|----------------------------------------------|----------------|------|
|       |             |                                        |                                                                                       |                        |                                               | 25 °C<br>(μA)                                | 125 °C<br>(mA) |      |

## Single phase bridges

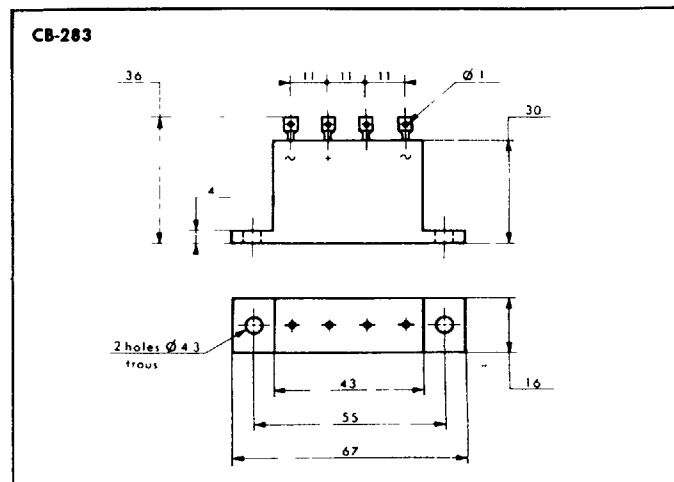
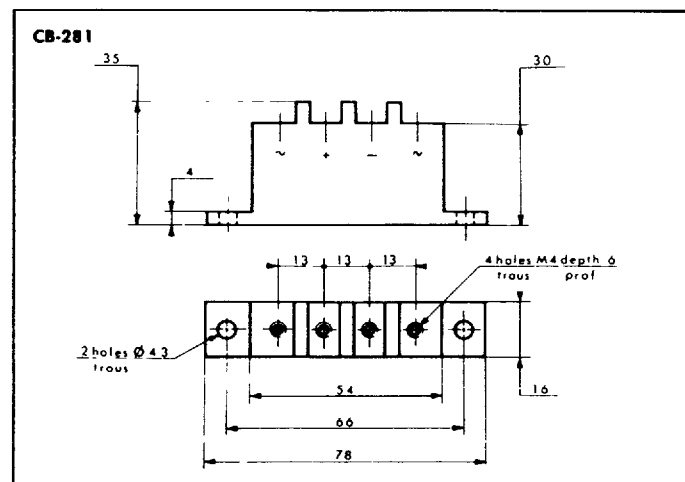
Ponts monophasés 2 Amp T<sub>amb</sub> = 45 °C

|                                                                 |          |      |     |   |  |    |    |      |  |
|-----------------------------------------------------------------|----------|------|-----|---|--|----|----|------|--|
| BA                                                              | 20 601 A | 100  | 50  | 2 |  | 30 | 10 | 0.25 |  |
| BB                                                              | 20 601 A | 200  | 80  | 2 |  | 30 | 10 | 0.25 |  |
| BD                                                              | 20 601 A | 400  | 150 | 2 |  | 30 | 10 | 0.25 |  |
| BF                                                              | 20 601 A | 600  | 250 | 2 |  | 30 | 10 | 0.25 |  |
| BH                                                              | 20 601 A | 800  | 380 | 2 |  | 30 | 10 | 0.25 |  |
| BL                                                              | 20 601 A | 1200 | 650 | 2 |  | 30 | 10 | 0.25 |  |
| <b>Controlled avalanche series</b><br>série avalanche contrôlée |          |      |     |   |  |    |    |      |  |
| BD                                                              | 22 601 A | 400  | 220 | 2 |  | 30 | 10 | 0.25 |  |
| BF                                                              | 22 601 A | 600  | 330 | 2 |  | 30 | 10 | 0.25 |  |
| BH                                                              | 22 601 A | 800  | 440 | 2 |  | 30 | 10 | 0.25 |  |
|                                                                 |          |      |     |   |  |    |    |      |  |

## Single phase bridges

Ponts monophasés 3 Amp T<sub>amb</sub> = 45 °C

|                                                                 |          |     |     |   |  |    |    |   |  |
|-----------------------------------------------------------------|----------|-----|-----|---|--|----|----|---|--|
| BA                                                              | 26 701 A | 100 | 50  | 3 |  | 70 | 10 | 2 |  |
| BB                                                              | 26 701 A | 200 | 80  | 3 |  | 70 | 10 | 2 |  |
| BD                                                              | 26 701 A | 400 | 150 | 3 |  | 70 | 10 | 2 |  |
| BF                                                              | 26 701 A | 600 | 250 | 3 |  | 70 | 10 | 2 |  |
| BH                                                              | 26 701 A | 800 | 380 | 3 |  | 70 | 10 | 2 |  |
|                                                                 |          |     |     |   |  |    |    |   |  |
| <b>Controlled avalanche series</b><br>série avalanche contrôlée |          |     |     |   |  |    |    |   |  |
| BD                                                              | 27 701 A | 400 | 220 | 3 |  | 70 | 10 | 2 |  |
| BF                                                              | 27 701 A | 600 | 330 | 3 |  | 70 | 10 | 2 |  |
| BH                                                              | 27 701 A | 800 | 440 | 3 |  | 70 | 10 | 2 |  |



## mouldings

## moulages

| Types | V <sub>RRM</sub><br>(V) | V <sub>RMS</sub><br>recom-<br>mended<br>max<br>(V) | I <sub>D</sub><br>on re-<br>sistive<br>load<br><i>sur charge<br/>résistive</i><br>(A) | Use<br><br>Fonction | I <sub>dsm</sub> /<br>I <sub>fsm</sub><br>(A) | I <sub>R</sub> per diode<br>@ V <sub>R</sub> |                | Case |
|-------|-------------------------|----------------------------------------------------|---------------------------------------------------------------------------------------|---------------------|-----------------------------------------------|----------------------------------------------|----------------|------|
|       |                         |                                                    |                                                                                       |                     |                                               | 25 °C<br>(μA)                                | 125 °C<br>(mA) |      |

### Single phase bridges

Ponts monophasés 6 Amp T<sub>amb</sub> = 45 °C

|                                                                 |        |     |     |   |  |     |     |   |  |
|-----------------------------------------------------------------|--------|-----|-----|---|--|-----|-----|---|--|
| BA                                                              | 31 910 | 100 | 50  | 6 |  | 200 | 100 | 3 |  |
| BB                                                              | 31 910 | 200 | 80  | 6 |  | 200 | 100 | 3 |  |
| BD                                                              | 31 910 | 400 | 150 | 6 |  | 200 | 100 | 3 |  |
| BF                                                              | 31 910 | 600 | 250 | 6 |  | 200 | 100 | 3 |  |
| BH                                                              | 31 910 | 800 | 380 | 6 |  | 200 | 100 | 3 |  |
| <b>Controlled avalanche series</b><br>série avalanche contrôlée |        |     |     |   |  |     |     |   |  |
| BF                                                              | 33 910 | 600 | 330 | 6 |  | 200 | 100 | 3 |  |
| BH                                                              | 33 910 | 800 | 440 | 6 |  | 200 | 100 | 3 |  |

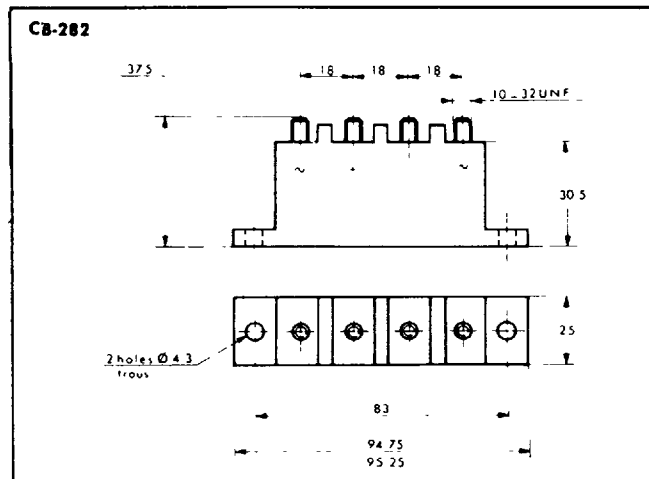
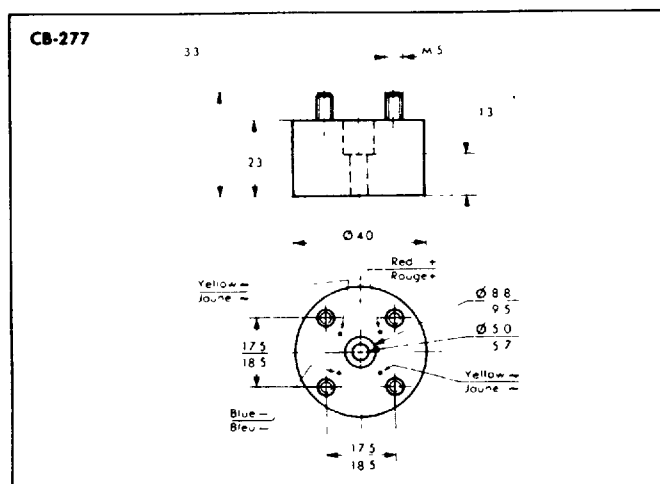
### Single phase bridges

Ponts monophasés 8 Amp T<sub>amb</sub> = 45 °C

|                                                                 |          |      |     |   |  |     |     |   |  |
|-----------------------------------------------------------------|----------|------|-----|---|--|-----|-----|---|--|
| BY                                                              | 44 704 A | 50   | 25  | 8 |  | 230 | 100 | 3 |  |
| BA                                                              | 44 704 A | 100  | 50  | 8 |  | 230 | 100 | 3 |  |
| BB                                                              | 44 704 A | 200  | 80  | 8 |  | 230 | 100 | 3 |  |
| BD                                                              | 44 704 A | 400  | 150 | 8 |  | 230 | 100 | 3 |  |
| BF                                                              | 44 704 A | 600  | 250 | 8 |  | 230 | 100 | 3 |  |
| BH                                                              | 44 704 A | 800  | 380 | 8 |  | 230 | 100 | 3 |  |
| BL                                                              | 44 704 A | 1200 | 650 | 8 |  | 230 | 100 | 3 |  |
| <b>Controlled avalanche series</b><br>série avalanche contrôlée |          |      |     |   |  |     |     |   |  |
| BD                                                              | 45 704 A | 400  | 220 | 8 |  | 230 | 100 | 3 |  |
| BF                                                              | 45 704 A | 600  | 330 | 8 |  | 230 | 100 | 3 |  |
| BH                                                              | 45 704 A | 800  | 440 | 8 |  | 230 | 100 | 3 |  |

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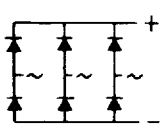
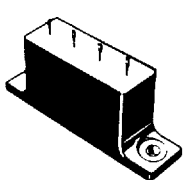
## mouldings

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| Types | V <sub>RRM</sub><br>(V) | V <sub>RMS</sub><br>recom-<br>mended<br>max<br>(V) | I <sub>d</sub><br>on re-<br>sistive<br>load<br><i>sur charge<br/>résistive</i><br>(A) | Use<br><i>Fonction</i> | I <sub>dsm</sub> /<br>I <sub>fsm</sub><br>(A) | I <sub>R</sub> per diode<br>@ V <sub>R</sub> |                | Case |
|-------|-------------------------|----------------------------------------------------|---------------------------------------------------------------------------------------|------------------------|-----------------------------------------------|----------------------------------------------|----------------|------|
|       |                         |                                                    |                                                                                       |                        |                                               | 25 °C<br>(μA)                                | 125 °C<br>(mA) |      |

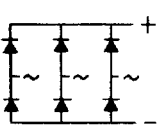
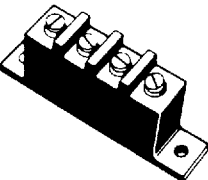
## three phase bridges

ponts triphasés 2,7 AMP T<sub>amb</sub> = 45 °C

|                                                                 |          |      |     |     |                                                                                   |    |    |      |                                                                                     |
|-----------------------------------------------------------------|----------|------|-----|-----|-----------------------------------------------------------------------------------|----|----|------|-------------------------------------------------------------------------------------|
| GA                                                              | 20 602 A | 100  | 50  | 2.7 |  | 30 | 10 | 0.25 |  |
| GB                                                              | 20 602 A | 200  | 80  | 2.7 |                                                                                   | 30 | 10 | 0.25 |                                                                                     |
| GD                                                              | 20 602 A | 400  | 150 | 2.7 |                                                                                   | 30 | 10 | 0.25 |                                                                                     |
| GF                                                              | 20 602 A | 600  | 250 | 2.7 |                                                                                   | 30 | 10 | 0.25 |                                                                                     |
| GH                                                              | 20 602 A | 800  | 380 | 2.7 |                                                                                   | 30 | 10 | 0.25 |                                                                                     |
| GL                                                              | 20 602 A | 1200 | 650 | 2.7 |                                                                                   | 30 | 10 | 0.25 |                                                                                     |
| <b>Controlled avalanche series</b><br>série avalanche contrôlée |          |      |     |     |                                                                                   |    |    |      |                                                                                     |
| GD                                                              | 22 602 A | 400  | 220 | 2.7 |                                                                                   | 30 | 10 | 0.25 | CB-349                                                                              |
| GF                                                              | 22 602 A | 600  | 330 | 2.7 |                                                                                   | 30 | 10 | 0.25 |                                                                                     |
| GH                                                              | 22 602 A | 800  | 440 | 2.7 |                                                                                   | 30 | 10 | 0.25 |                                                                                     |

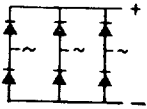
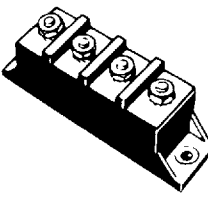
## three phase bridges

ponts triphasés 4,2 AMP T<sub>amb</sub> = 45 °C

|                                                                 |          |     |     |     |                                                                                     |    |    |   |                                                                                       |
|-----------------------------------------------------------------|----------|-----|-----|-----|-------------------------------------------------------------------------------------|----|----|---|---------------------------------------------------------------------------------------|
| GA                                                              | 26 702 A | 100 | 50  | 4.2 |  | 70 | 10 | 2 |  |
| GB                                                              | 26 702 A | 200 | 80  | 4.2 |                                                                                     | 70 | 10 | 2 |                                                                                       |
| GD                                                              | 26 702 A | 400 | 150 | 4.2 |                                                                                     | 70 | 10 | 2 |                                                                                       |
| GF                                                              | 26 702 A | 600 | 250 | 4.2 |                                                                                     | 70 | 10 | 2 |                                                                                       |
| GH                                                              | 26 702 A | 800 | 380 | 4.2 |                                                                                     | 70 | 10 | 2 |                                                                                       |
| <b>Controlled avalanche series</b><br>série avalanche contrôlée |          |     |     |     |                                                                                     |    |    |   |                                                                                       |
| GD                                                              | 27 702 A | 400 | 220 | 4.2 |                                                                                     | 70 | 10 | 2 | CB-351                                                                                |
| GF                                                              | 27 702 A | 600 | 330 | 4.2 |                                                                                     | 70 | 10 | 2 |                                                                                       |
| GH                                                              | 22 702 A | 800 | 440 | 4.2 |                                                                                     | 70 | 10 | 2 |                                                                                       |

## three phase bridges

ponts triphasés 11 AMP T<sub>amb</sub> = 45 °C

|                                                                 |          |      |     |    |                                                                                     |     |     |   |                                                                                       |
|-----------------------------------------------------------------|----------|------|-----|----|-------------------------------------------------------------------------------------|-----|-----|---|---------------------------------------------------------------------------------------|
| GY                                                              | 44 706 A | 50   | 25  | 11 |  | 230 | 100 | 3 |  |
| GA                                                              | 44 706 A | 100  | 50  | 11 |                                                                                     | 230 | 100 | 3 |                                                                                       |
| GB                                                              | 44 706 A | 200  | 80  | 11 |                                                                                     | 230 | 100 | 3 |                                                                                       |
| GD                                                              | 44 706 A | 400  | 150 | 11 |                                                                                     | 230 | 100 | 3 |                                                                                       |
| GF                                                              | 44 706 A | 600  | 250 | 11 |                                                                                     | 230 | 100 | 3 |                                                                                       |
| GH                                                              | 44 706 A | 800  | 380 | 11 |                                                                                     | 230 | 100 | 3 |                                                                                       |
| GL                                                              | 44 706 A | 1200 | 650 | 11 |                                                                                     | 230 | 100 | 3 |                                                                                       |
| <b>Controlled avalanche series</b><br>série avalanche contrôlée |          |      |     |    |                                                                                     |     |     |   |                                                                                       |
| GD                                                              | 45 706 A | 400  | 220 | 11 |                                                                                     | 230 | 100 | 3 | CB-350                                                                                |
| GF                                                              | 45 706 A | 600  | 330 | 11 |                                                                                     | 230 | 100 | 3 |                                                                                       |
| GH                                                              | 45 706 A | 800  | 440 | 11 |                                                                                     | 230 | 100 | 3 |                                                                                       |

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