

## MCB Miniature Circuit Breakers series BMS6, 6kA



BM618110



BM617616



BM617316



BM617416

### Schrack-Info

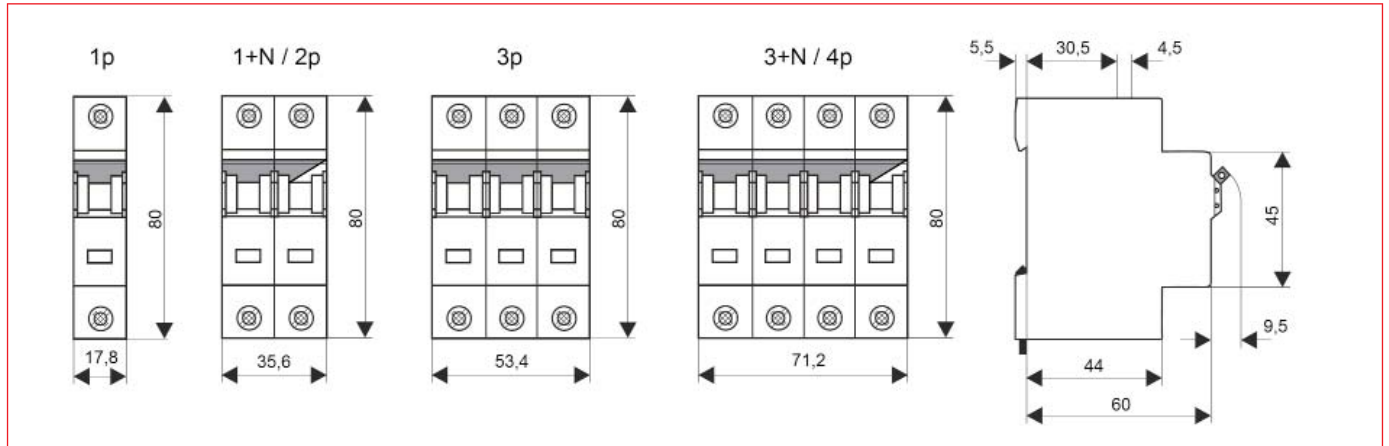
- Rated breaking capacity 6kA according IEC/EN 60898, 10kA according IEC/EN 60947-2
- Insulated terminal guide for secure connection
- Lift and clamp terminals on both sides
- High selectivity by low let-through energies
- Window with positively-driven contact position indicator for each pole
- Terminal cross-section 1 – 25 mm<sup>2</sup>
- Meets the requirements for insulation coordination, contact gap 4mm
- Mains power connection selectable (top/bottom)
- Installation not dependent on position
- Special latching snap-on mounting for DIN rail EN 50022

Improved busbar connection by clamp terminals on both sides (top and bottom). No mismatching of conductors when connecting thanks to effective terminal guide. No removal of busbar during replacement due to latching snap-on mounting.

|                                       |  |
|---------------------------------------|--|
| Standards                             | IEC/EN 60898, IEC/EN 60947-2                   |
| Rated voltage:                        | 230V / 400V-AC                                 |
| Rated frequency:                      | 50/60Hz  |
| Rated voltage capacity DC:            | max. 48V-DC                                    |
| Rated current:                        | 0,5 - 63A                                      |
| Tripping characteristic:              | B, C   |
| Rated short-circuit capacity Icn:     | 6 kA according EN 60898                        |
| Rated short-circuit capacity Icu:     | 10 kA according EN 60947-2                     |
| Energy limiting class:                | 3  |
| Max. back up fuse:                    | max. 100A gG/gL                                |
| Rated impulse withstand voltage Uimp: | 4kV  |
| Rated tripping temperature            | -5 °C up to +40 °C                             |
| Operating temperature:                | -40 °C up to +75 °C                            |
| Degree of protection:                 | IP 20 (covered IP40)                           |
| Operating position:                   | in any position                                |
| Calibrated for ambient temperature:   | +30°C  |
| Endurance:                            | < 8.000 operating cycles (mechanical < 20.000) |
| Finger and hand touch safe:           | acc. to BGV A3                                 |
| Terminals:                            | Double clamp / lift terminal                   |
| Terminal cross-section:               | 1 - 25mm <sup>2</sup>                          |
| Terminal width 1 MW:                  | 17,8mm   |
| Terminal tightening torque:           | 2 - 2,4Nm                                      |
| Mounting:                             | on DIN rail by latching snap-on mounting       |

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Dimensions

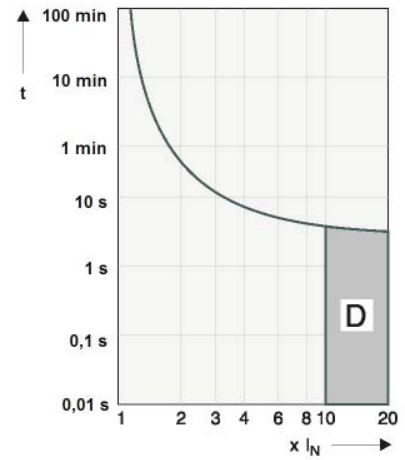
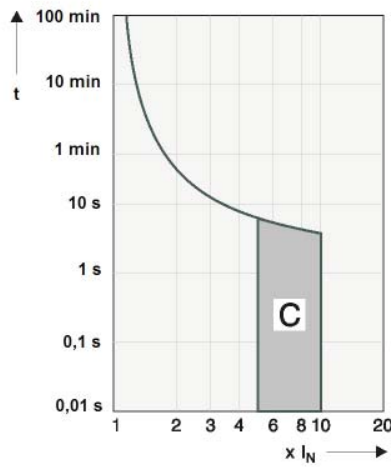
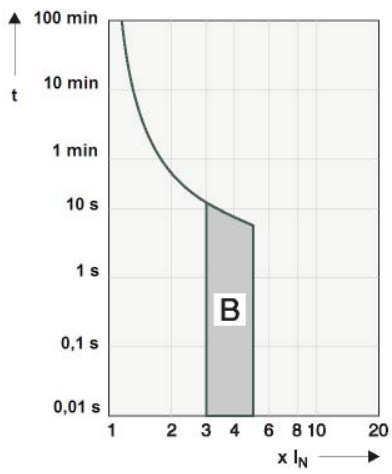


| $I_n$ [A]  | Ambient temperature T (°C) |      |      |      |      |      |             |      |      |      |      |      |      |
|------------|----------------------------|------|------|------|------|------|-------------|------|------|------|------|------|------|
|            | -25                        | -20  | -10  | 0    | 10   | 20   | 30          | 35   | 40   | 45   | 50   | 55   | 60   |
| <b>0.5</b> | 0.61                       | 0.60 | 0.58 | 0.56 | 0.54 | 0.52 | <b>0.50</b> | 0.49 | 0.48 | 0.47 | 0.46 | 0.45 | 0.44 |
| <b>1</b>   | 1.2                        | 1.2  | 1.2  | 1.1  | 1.1  | 1.0  | <b>1.0</b>  | 0.99 | 0.97 | 0.95 | 0.93 | 0.90 | 0.89 |
| <b>1.5</b> | 1.8                        | 1.8  | 1.7  | 1.7  | 1.6  | 1.6  | <b>1.5</b>  | 1.5  | 1.5  | 1.4  | 1.4  | 1.4  | 1.3  |
| <b>2</b>   | 2.4                        | 2.4  | 2.3  | 2.2  | 2.2  | 2.1  | <b>2.0</b>  | 2.0  | 1.9  | 1.9  | 1.9  | 1.8  | 1.8  |
| <b>3</b>   | 3.7                        | 3.6  | 3.5  | 3.4  | 3.3  | 3.1  | <b>3.0</b>  | 3.0  | 2.9  | 2.8  | 2.8  | 2.7  | 2.7  |
| <b>4</b>   | 4.9                        | 4.8  | 4.7  | 4.5  | 4.3  | 4.2  | <b>4.0</b>  | 3.9  | 3.9  | 3.8  | 3.7  | 3.6  | 3.5  |
| <b>5</b>   | 6.1                        | 6.0  | 5.8  | 5.6  | 5.4  | 5.2  | <b>5.0</b>  | 4.9  | 4.8  | 4.7  | 4.6  | 4.5  | 4.4  |
| <b>6</b>   | 7.3                        | 7.2  | 7.0  | 6.7  | 6.5  | 6.3  | <b>6.0</b>  | 5.9  | 5.8  | 5.7  | 5.6  | 5.4  | 5.3  |
| <b>10</b>  | 12                         | 12   | 12   | 11   | 11   | 10   | <b>10</b>   | 9.9  | 9.7  | 9.5  | 9.3  | 9.0  | 8.9  |
| <b>13</b>  | 16                         | 16   | 15   | 15   | 14   | 14   | <b>13</b>   | 13   | 13   | 12   | 12   | 12   | 12   |
| <b>16</b>  | 20                         | 19   | 19   | 18   | 17   | 17   | <b>16</b>   | 16   | 15   | 15   | 15   | 14   | 14   |
| <b>20</b>  | 24                         | 24   | 23   | 22   | 22   | 21   | <b>20</b>   | 20   | 19   | 19   | 19   | 18   | 18   |
| <b>25</b>  | 31                         | 30   | 29   | 28   | 27   | 26   | <b>25</b>   | 25   | 24   | 24   | 23   | 23   | 22   |
| <b>32</b>  | 39                         | 38   | 37   | 36   | 35   | 33   | <b>32</b>   | 32   | 31   | 30   | 30   | 29   | 28   |
| <b>40</b>  | 49                         | 48   | 47   | 45   | 43   | 42   | <b>40</b>   | 39   | 39   | 38   | 37   | 36   | 35   |
| <b>50</b>  | 61                         | 60   | 58   | 56   | 54   | 52   | <b>50</b>   | 49   | 48   | 47   | 47   | 45   | 44   |
| <b>63</b>  | 77                         | 76   | 73   | 71   | 68   | 66   | <b>63</b>   | 62   | 61   | 60   | 58   | 57   | 56   |

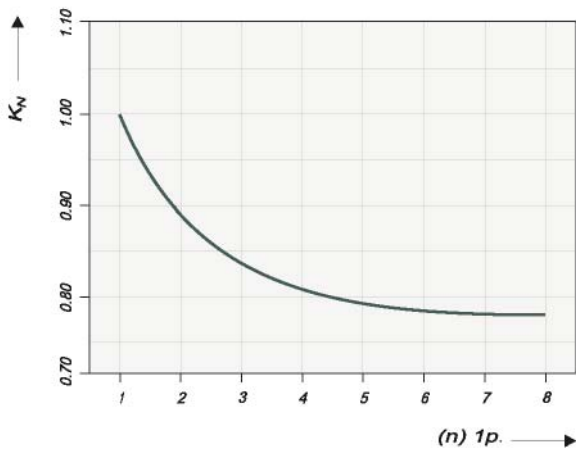
| $I_{MA}(f)/I_{MA}(50\text{ Hz})$ [%] | Rated frequency f [Hz] |            |     |     |     |     |     |
|--------------------------------------|------------------------|------------|-----|-----|-----|-----|-----|
|                                      | 16,7                   | <b>50</b>  | 60  | 100 | 200 | 300 | 400 |
|                                      | 91                     | <b>100</b> | 101 | 106 | 115 | 134 | 141 |


MCB Miniature Circuit Breakers series BMS6, 6kA

Tripping characteristic curves according to IEC 60898 / EN 60898



Capacity with block mounting



 MCB Miniature Circuit Breakers series BMS6, 6kA

Characteristic B

| I <sup>n</sup> [A] | 1p    | 1+N   | 2p    | 3p    | 3+N*  |
|--------------------|-------|-------|-------|-------|-------|
|                    | P [W] | P [W] | P [W] | P [W] | P [W] |
| 1                  | 1,6   | 1,7   | 3,1   | 4,7   | 4,8   |
| 1,5                | 2,3   | 2,5   | 4,6   | 6,9   | 7,2   |
| 1,6                | 2,5   | 2,7   | 4,9   | 7,4   | 7,6   |
| 2                  | 1,4   | 1,5   | 2,8   | 4,1   | 4,3   |
| 2,5                | 1,5   | 1,7   | 3,1   | 4,6   | 4,7   |
| 3                  | 2,5   | 2,7   | 5,0   | 7,6   | 7,8   |
| 3,5                | 2,5   | 2,8   | 5,1   | 7,8   | 8,0   |
| 4                  | 1,4   | 1,8   | 2,9   | 4,4   | 4,5   |
| 5                  | 1,9   | 2,1   | 3,8   | 5,8   | 6,0   |
| 6                  | 1,8   | 2,0   | 3,6   | 5,5   | 5,6   |
| 8                  | 2,1   | 2,3   | 4,1   | 6,3   | 6,5   |
| 10                 | 1,9   | 2,1   | 3,9   | 5,9   | 6,1   |
| 12                 | 2,8   | 3,2   | 5,9   | 8,7   | 9,0   |
| 13                 | 2,5   | 2,9   | 5,3   | 7,8   | 8,1   |
| 15                 | 2,1   | 2,4   | 4,4   | 6,5   | 6,7   |
| 16                 | 2,2   | 2,6   | 4,7   | 6,9   | 7,2   |
| 20                 | 3,2   | 3,6   | 6,6   | 9,8   | 10,1  |
| 25                 | 3,0   | 3,5   | 6,4   | 9,4   | 9,7   |
| 32                 | 3,7   | 4,4   | 8,1   | 12,1  | 12,5  |
| 40                 | 3,4   | 4,1   | 7,5   | 11,2  | 11,5  |
| 50                 | 4,5   | 5,4   | 9,9   | 14,9  | 15,3  |
| 63                 | 5,2   | 6,3   | 11,5  | 17,7  | 17,7  |

\*symmetric load

Characteristic C

| I <sup>n</sup> [A] | 1p    | 1+N   | 2p    | 3p    | 3+N*  |
|--------------------|-------|-------|-------|-------|-------|
|                    | P [W] | P [W] | P [W] | P [W] | P [W] |
| 0,16               | 2,2   | 2,4   | 4,4   | 6,7   | 6,9   |
| 0,25               | 2,0   | 2,2   | 4,0   | 6,1   | 6,3   |
| 0,5                | 1,2   | 1,3   | 2,4   | 3,5   | 3,7   |
| 0,75               | 1,3   | 1,4   | 2,6   | 3,9   | 4,1   |
| 1                  | 1,6   | 1,7   | 3,1   | 4,7   | 4,8   |
| 1,5                | 1,5   | 1,6   | 2,9   | 4,4   | 4,6   |
| 1,6                | 1,6   | 1,7   | 3,1   | 4,7   | 4,9   |
| 2                  | 1,4   | 1,5   | 2,8   | 4,1   | 4,3   |
| 2,5                | 1,5   | 1,7   | 3,1   | 4,6   | 4,7   |
| 3                  | 1,2   | 1,3   | 2,4   | 3,6   | 3,7   |
| 3,5                | 1,3   | 1,4   | 2,6   | 3,9   | 4,0   |
| 4                  | 1,4   | 1,6   | 2,9   | 4,4   | 4,5   |
| 5                  | 1,9   | 2,1   | 3,8   | 5,8   | 6,0   |
| 6                  | 1,5   | 1,6   | 2,9   | 4,4   | 4,6   |
| 8                  | 2,1   | 2,3   | 4,1   | 6,3   | 6,5   |
| 10                 | 1,5   | 1,7   | 3,0   | 4,6   | 4,7   |
| 12                 | 2,1   | 2,4   | 4,4   | 6,5   | 6,8   |
| 13                 | 2,5   | 2,9   | 5,3   | 7,8   | 8,1   |
| 15                 | 2,1   | 2,4   | 4,4   | 6,5   | 6,7   |
| 16                 | 2,2   | 2,6   | 4,7   | 6,9   | 7,2   |
| 20                 | 3,2   | 3,6   | 6,6   | 9,8   | 10,1  |
| 25                 | 3,0   | 3,5   | 6,4   | 9,4   | 9,7   |
| 32                 | 3,7   | 4,4   | 8,1   | 12,1  | 12,5  |
| 40                 | 3,4   | 4,1   | 7,5   | 11,2  | 11,5  |
| 50                 | 4,5   | 5,4   | 9,9   | 14,9  | 15,3  |
| 63                 | 5,2   | 6,3   | 11,5  | 17,2  | 17,7  |

\*symmetric load

Characteristic D

| I <sup>n</sup> [A] | 1p    | 1+N   | 2p    | 3p    | 3+N*  |
|--------------------|-------|-------|-------|-------|-------|
|                    | P [W] | P [W] | P [W] | P [W] | P [W] |
| 0,5                | 1,2   | 1,3   | 2,4   | 3,5   | 3,7   |
| 1                  | 0,8   | 0,9   | 1,6   | 2,4   | 2,5   |
| 1,5                | 1,2   | 1,3   | 2,3   | 3,5   | 3,6   |
| 1,6                | 1,3   | 1,4   | 2,5   | 3,8   | 3,9   |
| 2                  | 1,0   | 1,1   | 2,0   | 3,0   | 3,1   |
| 2,5                | 1,0   | 1,1   | 1,9   | 2,9   | 3,0   |
| 3                  | 1,2   | 1,3   | 2,4   | 3,6   | 3,7   |
| 3,5                | 1,3   | 1,4   | 2,6   | 3,9   | 4,0   |
| 4                  | 1,4   | 1,6   | 2,9   | 4,4   | 4,5   |
| 5                  | 1,7   | 1,8   | 3,3   | 5,1   | 5,3   |
| 6                  | 1,5   | 1,6   | 2,9   | 4,4   | 4,6   |
| 8                  | 1,3   | 1,5   | 2,6   | 4,0   | 4,2   |
| 10                 | 1,5   | 1,7   | 3,0   | 4,6   | 4,7   |
| 12                 | 1,7   | 2,0   | 3,6   | 5,3   | 5,4   |
| 13                 | 1,9   | 2,2   | 4,0   | 5,9   | 6,1   |
| 15                 | 2,1   | 2,4   | 4,4   | 6,5   | 6,7   |
| 16                 | 2,2   | 2,6   | 4,7   | 6,9   | 7,2   |
| 20                 | 2,0   | 2,2   | 4,1   | 6,1   | 6,2   |
| 25                 | 2,5   | 2,9   | 5,2   | 7,7   | 7,9   |
| 32                 | 3,4   | 4,0   | 7,4   | 11,1  | 11,4  |
| 40                 | 3,2   | 3,8   | 7,0   | 10,4  | 10,7  |

\*symmetric load

**MCB Miniature Circuit Breakers series BMS6, 6kA**

| Conductor cross section [mm <sup>2</sup> ] | Number of single conductors, rigid, single-wire Cu conductors |   |   |   |   |   |
|--|---|---|---|---|---|---|
|  | 1   | 2 | 3 | 4 | 5 | 6 |
| 1,5  | +   | + | + | + | + | - |
| 2,5  | +   | + | + | - | - | - |
| 4  | +   | + | + | - | - | - |
| 6  | +   | + | + | - | - | - |
| 10   | +   | + | - | - | - | - |
| 16   | +   | - | - | - | - | - |
| 25   | +   | - | - | - | - | - |

| Conductor cross section [mm <sup>2</sup> ] | Number of single conductors, rigid, multi-wire Cu conductors |   |   |   |   |   |
|--|--|---|---|---|---|---|
|  | 1  | 2 | 3 | 4 | 5 | 6 |
| 10   | +  | + | - | - | - | - |
| 16   | +  | - | - | - | - | - |
| 25   | +  | - | - | - | - | - |

| Conductor cross section [mm <sup>2</sup> ] | Number of single conductors, flexible Cu conductors without sleeves |    |    |    |    |    |
|--|---|----|----|----|----|----|
|  | 1*  | 2* | 3* | 4* | 5* | 6* |
| 1,5  | -   | -  | -  | +  | +  | -  |
| 2,5  | -   | -  | +  | -  | -  | -  |
| 4  | -   | +  | +  | -  | -  | -  |
| 6  | -   | +  | +  | -  | -  | -  |
| 10   | -   | +  | -  | -  | -  | -  |
| 16   | -   | -  | -  | -  | -  | -  |
| 25   | -   | -  | -  | -  | -  | -  |

\*) Only without wire end and sleeve  
 + permissible  
 - Not permissible

| Conductor cross section [mm <sup>2</sup> ] | Combinations of different profiles of flexible Cu conductors |     |   |   |    |    |    |
|--|--|-----|---|---|----|----|----|
|  | 1,5  | 2,5 | 4 | 6 | 10 | 16 | 25 |
| 1,5  | /  | +   | - | - | -  | -  | -  |
| 2,5  | +  | /   | - | - | +  | -  | -  |
| 4  | -  | +   | / | - | -  | +  | -  |
| 6  | -  | -   | + | / | +  | -  | +  |
| 10   | -  | -   | - | + | /  | +  | -  |
| 16   | -  | -   | - | - | -  | /  | +  |
| 25   | -  | -   | - | - | -  | -  | /  |

+ permissible  
 - Not permissible

**No combinations are permissible for rigid single- and multi-wire Cu conductors!**

| Conductor cross section [mm <sup>2</sup> ] | Number of single conductors, flexible Cu conductors with sleeve |   |   |   |   |   |
|--|---|---|---|---|---|---|
|  | 1**   | 2 | 3 | 4 | 5 | 6 |
| 1,5  | +   | - | - | - | - | - |
| 2,5  | +   | - | - | - | - | - |
| 4  | +   | - | - | - | - | - |
| 6  | +   | - | - | - | - | - |
| 10   | +   | - | - | - | - | - |
| 16   | +   | - | - | - | - | - |
| 25   | +   | - | - | - | - | - |

\*\* ) Only with wire end and sleeve

**MCB Miniature Circuit Breakers series BMS6, 6kA - 1pole**



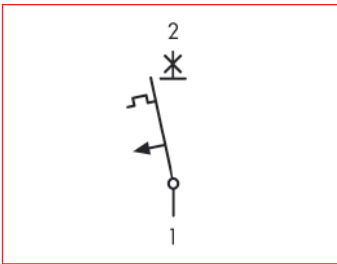
BM618110

**Schrack-Info**

Most common accessories:

- Auxiliary contact 1NO/1NC BM900001
- Busbar 10mm<sup>2</sup>/3-pole BS990113
- End cap 3-pole BS900116
- Busbar 10mm<sup>2</sup>/1-pole BS900140

**Wiring diagram**



| DESCRIPTION             | AVAILABLE | ORDER NO.       |
|-------------------------|-----------|-----------------|
| <b>Characteristic B</b> |           |                 |
| 2A                      |           | <b>BM618102</b> |
| 4A                      |           | <b>BM618104</b> |
| 6A                      |           | <b>BM618106</b> |
| 10A                     |           | <b>BM618110</b> |
| 13A                     |           | <b>BM618113</b> |
| 16A                     |           | <b>BM618116</b> |
| 20A                     |           | <b>BM618120</b> |
| 25A                     |           | <b>BM618125</b> |
| 32A                     |           | <b>BM618132</b> |
| 40A                     |           | <b>BM618140</b> |
| 50A                     |           | <b>BM618150</b> |
| 63A                     |           | <b>BM618163</b> |
| <b>Characteristic C</b> |           |                 |
| 0,5A                    |           | BM6171005       |
| 1A                      |           | <b>BM617101</b> |
| 2A                      |           | <b>BM617102</b> |
| 3A                      |           | BM617103        |
| 4A                      |           | <b>BM617104</b> |
| 6A                      |           | <b>BM617106</b> |
| 10A                     |           | <b>BM617110</b> |
| 13A                     |           | <b>BM617113</b> |
| 16A                     |           | <b>BM617116</b> |
| 20A                     |           | <b>BM617120</b> |
| 25A                     |           | <b>BM617125</b> |
| 32A                     |           | <b>BM617132</b> |
| 40A                     |           | <b>BM617140</b> |
| 50A                     |           | <b>BM617150</b> |
| 63A                     |           | <b>BM617163</b> |



**Order no. blue:** on stock, usually ready for delivery on the day of order

**MCB Miniature Circuit Breakers series BMS6, 6kA - 1+N**



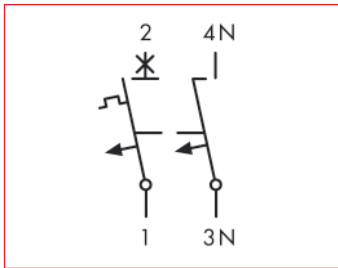
BM617616

**Schrack-Info**

Most common accessories:

- Auxiliary contact 1 NO / 1 NC BM900001
- Busbar 10mm<sup>2</sup>/3-pole BS990113
- Busbar 10mm<sup>2</sup>/N-conductor BS990115
- Busbar 16mm<sup>2</sup>/1N, 2N, 3N BS900123
- Busbar end cap 4-pole BS900117

**Wiring diagram**



| DESCRIPTION             | AVAILABLE | ORDER NO.       |
|-------------------------|-----------|-----------------|
| <b>Characteristic B</b> |           |                 |
| 6A                      |           | <b>BM618606</b> |
| 10A                     |           | <b>BM618610</b> |
| 13A                     |           | <b>BM618613</b> |
| 16A                     |           | <b>BM618616</b> |
| <b>Characteristic C</b> |           |                 |
| 2A                      |           | <b>BM617602</b> |
| 4A                      |           | <b>BM617604</b> |
| 6A                      |           | <b>BM617606</b> |
| 10A                     |           | <b>BM617610</b> |
| 13A                     |           | <b>BM617613</b> |
| 16A                     |           | <b>BM617616</b> |
| 20A                     |           | <b>BM617620</b> |
| 25A                     |           | <b>BM617625</b> |
| 32A                     |           | <b>BM617632</b> |
| 40A                     |           | <b>BM617640</b> |
| 63A                     |           | BM617663        |



**MCB Miniature Circuit Breakers series BMS6, 6kA - 2-pole**



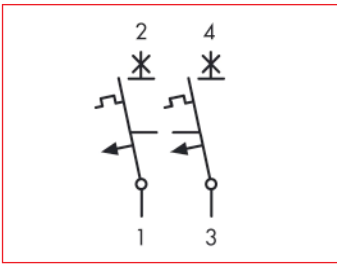
BM618210

**Schrack-Info**

Most common accessories:

- Auxiliary contact 1 NO / 1 NC BM900001
- Busbar 10mm<sup>2</sup>/2-pole BS900111
- Busbar end cap 2-pole BS900118

**Wiring diagram**



| DESCRIPTION             | AVAILABLE | ORDER NO.       |
|-------------------------|-----------|-----------------|
| <b>Characteristic B</b> |           |                 |
| 2A                      |           | <b>BM618202</b> |
| 4A                      |           | <b>BM618204</b> |
| 6A                      |           | <b>BM618206</b> |
| 10A                     |           | <b>BM618210</b> |
| 13A                     |           | <b>BM618213</b> |
| 16A                     |           | <b>BM618216</b> |
| 20A                     |           | <b>BM618220</b> |
| 25A                     |           | <b>BM618225</b> |
| 32A                     |           | <b>BM618232</b> |
| 40A                     |           | BM618240        |
| <b>Characteristic C</b> |           |                 |
| 1A                      |           | <b>BM617201</b> |
| 2A                      |           | <b>BM617202</b> |
| 3A                      |           | BM617203        |
| 4A                      |           | <b>BM617204</b> |
| 6A                      |           | <b>BM617206</b> |
| 10A                     |           | <b>BM617210</b> |
| 13A                     |           | <b>BM617213</b> |
| 16A                     |           | <b>BM617216</b> |
| 20A                     |           | <b>BM617220</b> |
| 25A                     |           | <b>BM617225</b> |
| 32A                     |           | <b>BM617232</b> |
| 40A                     |           | <b>BM617240</b> |
| 50A                     |           | <b>BM617250</b> |
| 63A                     |           | <b>BM617263</b> |



Order no. blue: on stock, usually ready for delivery on the day of order



MCB Miniature Circuit Breakers series BMS6, 6kA - 3pole



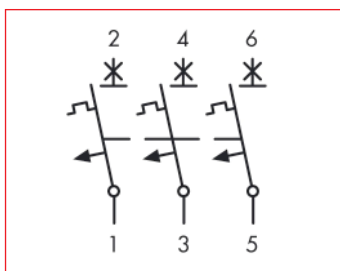
BM617316

Schrack-Info

Most common accessories:

- Auxiliary contact 1 NO / 1 NC BM900001
- Busbar 10mm<sup>2</sup>/3-pole BS990113
- Busbar 16mm<sup>2</sup>/3-pole BS990114
- Busbar end cap 3-pole BS900116

Wiring diagram



| DESCRIPTION             | AVAILABLE | ORDER NO.       |
|-------------------------|-----------|-----------------|
| <b>Characteristic B</b> |           |                 |
| 6A                      |           | <b>BM618306</b> |
| 10A                     |           | <b>BM618310</b> |
| 13A                     |           | <b>BM618313</b> |
| 16A                     |           | <b>BM618316</b> |
| 20A                     |           | <b>BM618320</b> |
| 25A                     |           | <b>BM618325</b> |
| 32A                     |           | <b>BM618332</b> |
| 40A                     |           | <b>BM618340</b> |
| 50A                     |           | <b>BM618350</b> |
| 63A                     |           | <b>BM618363</b> |
| <b>Characteristic C</b> |           |                 |
| 0,5A                    |           | BM6173005       |
| 2A                      |           | <b>BM617302</b> |
| 4A                      |           | <b>BM617304</b> |
| 6A                      |           | <b>BM617306</b> |
| 10A                     |           | <b>BM617310</b> |
| 13A                     |           | <b>BM617313</b> |
| 16A                     |           | <b>BM617316</b> |
| 20A                     |           | <b>BM617320</b> |
| 25A                     |           | <b>BM617325</b> |
| 32A                     |           | <b>BM617332</b> |
| 40A                     |           | <b>BM617340</b> |
| 50A                     |           | <b>BM617350</b> |
| 63A                     |           | <b>BM617363</b> |



**MCB Miniature Circuit Breakers series BMS6, 6kA - 3+N**



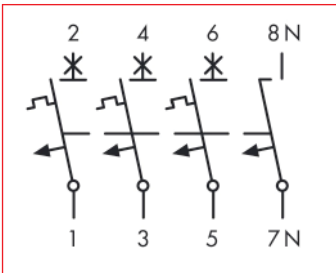
BM617816

















**Schrack-Info**

Most common accessories:

- Auxiliary contact 1 NO / 1 NC BM900001
- Busbar 10mm<sup>2</sup>/3-pole BS990113
- Busbar 16mm<sup>2</sup>/3-pole BS990114
- Busbar 10mm<sup>2</sup>/N-conductor BS990115
- Busbar 16mm<sup>2</sup>/N-conductor BS900127
- Busbar end cap 4-pole BS900117

**Wiring diagram**



| DESCRIPTION             | AVAILABLE   | ORDER NO.       |
|-------------------------|---|-----------------|
| <b>Characteristic B</b> |   |                 |
| 10A                     |   | <b>BM618810</b> |
| 13A                     |   | BM618813        |
| 16A                     |  | <b>BM618816</b> |
| 20A                     |  | <b>BM618820</b> |
| 25A                     |  | <b>BM618825</b> |
| 32A                     |  | <b>BM618832</b> |
| 40A                     |  | <b>BM618840</b> |
| 63A                     |  | <b>BM618863</b> |
| <b>Characteristic C</b> |   |                 |
| 2A                      |   | BM617802        |
| 4A                      |   | BM617804        |
| 6A                      |  | <b>BM617806</b> |
| 10A                     |  | <b>BM617810</b> |
| 16A                     |  | <b>BM617816</b> |
| 20A                     |  | <b>BM617820</b> |
| 25A                     |  | <b>BM617825</b> |
| 32A                     |  | <b>BM617832</b> |
| 40A                     |  | <b>BM617840</b> |
| 50A                     |  | <b>BM617850</b> |
| 63A                     |  | <b>BM617863</b> |



Order no. blue: on stock, usually ready for delivery on the day of order

## MCB Miniature Circuit Breakers series BMS6, 6kA - 4-pole



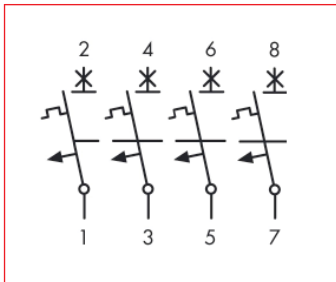
BM617416

### Schrack-Info

Most common accessories:

- Auxiliary contact 1 NO / 1 NC BM900001
- Busbar 10mm<sup>2</sup>/4-pole BS990121
- Busbar 16mm<sup>2</sup>/4-pole BS990122
- Busbar end cap 4-pole BS900117

### Wiring diagram



| DESCRIPTION             | AVAILABLE | ORDER NO.       |
|-------------------------|-----------|-----------------|
| <b>Characteristic B</b> |           |                 |
| 6A                      |           | BM618406        |
| 10A                     |           | BM618410        |
| 20A                     |           | BM618420        |
| 25A                     |           | BM618425        |
| 40A                     |           | BM618440        |
| 50A                     |           | BM618450        |
| 63A                     |           | BM618463        |
| <b>Characteristic C</b> |           |                 |
| 2A                      |           | BM617402        |
| 4A                      |           | BM617404        |
| 6A                      |           | BM617406        |
| 10A                     |           | BM617410        |
| 16A                     |           | <b>BM617416</b> |
| 20A                     |           | <b>BM617420</b> |
| 25A                     |           | <b>BM617425</b> |
| 32A                     |           | <b>BM617432</b> |
| 40A                     |           | <b>BM617440</b> |
| 50A                     |           | <b>BM617450</b> |
| 63A                     |           | <b>BM617463</b> |

