

Data Sheet for Article: MC194603--

# RCD Right hand mount., 3-pole 30mA, MC1, type A

Accessories Residual current detection, Size type 1, Poles 3



## Technical Data

|                               |                            |
|-------------------------------|----------------------------|
| Net width (mm)                | 100,00                     |
| Net height (mm)               | 145,00                     |
| Net weight (kg)               | 0,84                       |
| EAN                           | 9004840507416              |
| Power loss (W)                | 15,00                      |
| Min. ambient temperature (°C) | -5                         |
| Max. ambient temperature (°C) | 40                         |
| Device category               | accessories                |
| Size type                     | 1                          |
| Accessories                   | Residual current detection |
| Poles                         | 3                          |

## CONNECTION CROSS SECTIONS

|                                                           |          |        |      | MC1                                        | I <sub>n</sub> <sup>1)</sup> |
|-----------------------------------------------------------|----------|--------|------|--------------------------------------------|------------------------------|
| Standard equipment                                        |          |        |      | Box terminal                               | -                            |
| Accessories                                               |          |        |      | Screw connection                           |                              |
|                                                           |          |        |      | Tunnel terminals                           |                              |
|                                                           |          |        |      | Rear-side connection                       |                              |
| Cu-conductors, Cu-cable                                   |          |        |      |                                            |                              |
| Box terminal                                              | solid    |        |      | 1 x (10 - 16)mm <sup>2</sup>               | 160A                         |
|                                                           |          |        |      | 2 x (6 - 16)mm <sup>2</sup>                |                              |
|                                                           | stranded |        |      | 1 x (25 - 70) <sup>2</sup> mm <sup>2</sup> | 160A                         |
|                                                           |          |        |      | 2 x (6 - 25)mm <sup>2</sup>                |                              |
| Tunnel terminal                                           | solid    |        |      | 1 x 16mm <sup>2</sup>                      | 160A                         |
|                                                           | stranded | 1-hole |      | 1 x (25-95)mm <sup>2</sup>                 | 160A                         |
|                                                           |          | 2-hole |      | -                                          | -                            |
|                                                           |          | 4-hole |      | -                                          | -                            |
| Screw connection and rear - side connecntion              |          |        |      |                                            |                              |
| directly on switch                                        | solid    |        |      | 1 x (10 - 16)mm <sup>2</sup>               | 160A                         |
|                                                           |          |        |      | 2 x (6 - 16)mm <sup>2</sup>                |                              |
|                                                           | stranded |        |      | 1 x (25 - 70) <sup>2</sup> mm <sup>2</sup> | 160A                         |
|                                                           |          |        |      | 2 x 25mm <sup>2</sup>                      |                              |
| Module plate                                              | 1-hole   | min.   |      | -                                          | -                            |
|                                                           |          | max.   |      | -                                          | -                            |
| Module plate                                              | 2-hole   | min.   |      | -                                          | -                            |
|                                                           |          | max.   |      | -                                          | -                            |
| Connection extension                                      |          |        |      | -                                          | -                            |
| Al-conductors, Al-cable                                   |          |        |      |                                            |                              |
| Tunnel terminal                                           | solid    |        |      | 1 x 16mm <sup>2</sup>                      | 160A                         |
|                                                           | stranded | 1-hole |      | 1 x (25 - 95)mm <sup>2</sup>               |                              |
|                                                           |          | 2-hole |      | -                                          | -                            |
|                                                           |          |        |      | -                                          | -                            |
|                                                           |          | 4-hole |      | -                                          | -                            |
| Screw connection and rear - side connection               |          |        |      |                                            |                              |
| directly on switch                                        | solid    |        |      | 1 x (10-16)mm <sup>2</sup>                 | 160A                         |
|                                                           |          |        |      | 2 x (10-16)mm <sup>2</sup>                 |                              |
|                                                           | stranded |        |      | 1 x (25-35)mm <sup>2</sup>                 |                              |
|                                                           |          |        |      | 2 x (25-35)mm <sup>2</sup>                 |                              |
| Module plate                                              | 1-hole   | min.   |      | -                                          | -                            |
|                                                           |          | max.   |      | -                                          | -                            |
| Module plate                                              | 2-hole   |        |      | -                                          | -                            |
| Connection extension                                      |          |        |      | -                                          | -                            |
| Cu strip (number of segments x width x segment thickness) |          |        |      |                                            |                              |
| Box terminal                                              |          |        | min. | 2 x 9 x 0,8mm                              | 160A                         |
|                                                           |          |        | max. | 9 x 9 x 0,8mm                              |                              |
| Flat conductor terminal, basic                            |          |        | min. | -                                          | -                            |
|                                                           |          |        | max. | -                                          | -                            |
| Module plate                                              | 1-hole   |        |      | -                                          | -                            |
| Screw connection and rear - side connection               |          |        |      |                                            |                              |

|                      |      |   |   |
|----------------------|------|---|---|
| Cu strip, with holes | min. | - | - |
|                      | max. | - | - |
| Connection extension |      | - | - |

#### Cu-rail (width x thickness)

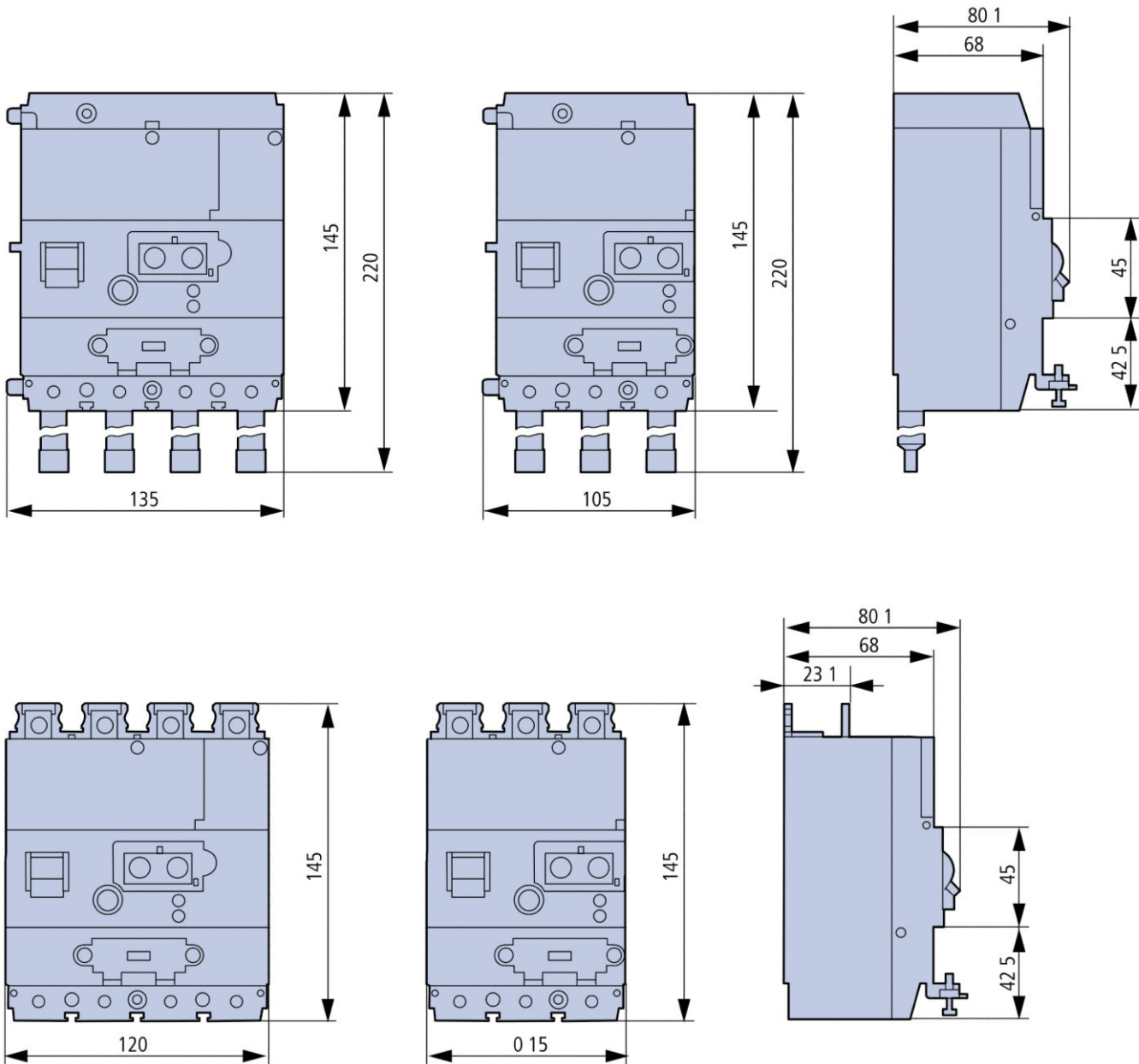
##### Screw connection and rear-side connection

|                      |      |          |      |
|----------------------|------|----------|------|
| screw connection     |      | M6       | -    |
| directly on switch   | min. | 12 x 5mm | 160A |
|                      | max. | 16 x 5mm |      |
| Module plate 1-hole  | min. | -        | -    |
|                      | max. | -        | -    |
| Module plate 2-hole  | min. | -        | -    |
|                      | max. | -        | -    |
| Connection extension | min. | -        | -    |
|                      | max. | -        | -    |

**Notes:** <sup>1)</sup> The rated currents  $I_n$  have been calculated in accordance with IEC/EN 60947 (protection devices standard) and generally relate to the max. specified cross-sections and are used here for the purposes of orientation. The design standards which apply in each case must be observed.

<sup>2)</sup> Depending on the cable manufacturer up to 95mm<sup>2</sup> can be connected.

**Dimensioned drawing: RCD Right hand mount., 3-pole 30mA, MC1, type A**



| DESCRIPTION                                                  | Order No. |
|--------------------------------------------------------------|-----------|
| RCD Right hand mount., 3-pole 30mA, MC1, type A              | MC194603  |
| Accessories Residual current detection, Size type 1, Poles 3 |           |