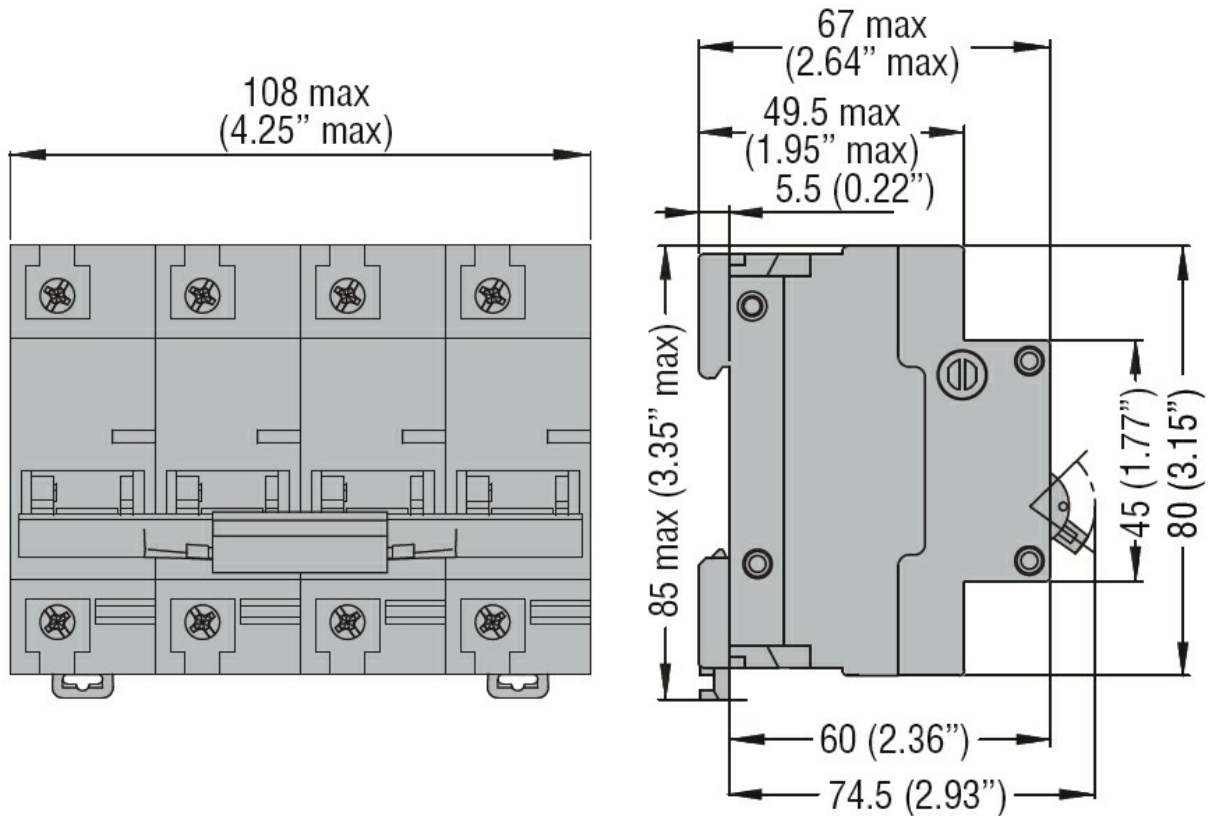


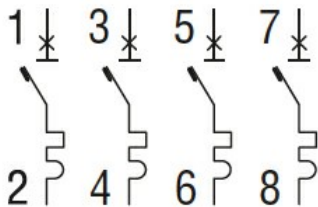


|   |                                 |                 |               |
|---|---------------------------------|-----------------|---------------|
| Product designation                       | Miniature circuit breaker (MCB) |                 |               |
| Product type designation                  | P2 MB                           |                 |               |
| Number of poles                           | 4P                              |                 |               |
| Number of DIN modules                     | 6                               |                 |               |
| Compliance                                | IEC / UL1077                    |                 |               |
| <b>Electrical features</b>                |                                 |                 |               |
| Rated insulation voltage $U_i$ IEC/EN     | V                               | 400             |               |
| Rated impulse withstand voltage $U_{imp}$ | kV                              | 6               |               |
| Rated operational voltage AC (IEC)        | VAC                             | 230/400         |               |
| Rated frequency                           | Hz                              | 50/60           |               |
| Rated current ( $I_n$ )                   | A                               | 80              |               |
| Tripping curve                            |                                 | D               |               |
| Short circuit rating (IEC)                | kA                              | 10              |               |
| Electrical life                           | cycles                          | 10000           |               |
| Power dissipation per pole max            | W                               | 11.58           |               |
| <b>Ambient conditions</b>                 |                                 |                 |               |
| Operating temperature                     | min                             | °C              | -40           |
|   | max                             | °C              | +70           |
| Storage temperature                       | min                             | °C              | -40           |
|   | max                             | °C              | +80           |
| Max altitude                              |                                 | m               | 2000          |
| <b>Mechanical features</b>                |                                 |                 |               |
| Operating position                        | normal                          |                 | Vertical plan |
|   |                                 |                 | 35mm DIN rail |
| Fixing                                    | 35mm DIN rail                   |                 |               |
| Tightening torque for terminals           | min                             | Nm              | 3.2           |
|   | max                             | Nm              | 3.5           |
|   | min                             | lbin            | 28.3          |
|   | max                             | lbin            | 31            |
| Terminals tool                            | Pz 2                            |                 |               |
| Conductor section                         | IEC                             |                 |               |
|   | min                             | mm <sup>2</sup> | 2.5           |
|   | max                             | mm <sup>2</sup> | 50            |
|   | AWG/Kcmil                       |                 |               |
|   | min                             |                 | 14            |
|   | max                             |                 | 1/0           |
| Mechanical life                           |                                 | cycles          | 10000         |
| Weight                                    |                                 | g               | 680           |
| Frontal IP degree                         | IP20                            |                 |               |
| Pollution degree                          | 3                               |                 |               |

**Dimensions**



**Wiring diagrams**



**Certifications and compliance**

**Compliance**

CSA C22.2 n°235. UR "UL Recognized" per Canada e USA.

IEC/EN 60947-2

UL 1077

**Certifications**

cURus

EAC

TÜV-Rheinland

**ETIM classification**

ETIM 8.0

EC000042 -  
Miniature circuit  
breaker (MCB)