



### Main

|                             |                                                                                                                                                                                                                                                                                                                           |
|-----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Circuit breaker application | Motor protection                                                                                                                                                                                                                                                                                                          |
| Range of product            | P25M                                                                                                                                                                                                                                                                                                                      |
| Device short name           | P25M                                                                                                                                                                                                                                                                                                                      |
| Poles description           | 3P                                                                                                                                                                                                                                                                                                                        |
| Number of protected poles   | 3                                                                                                                                                                                                                                                                                                                         |
| [In] rated current          | 1 A                                                                                                                                                                                                                                                                                                                       |
| Network type                | AC                                                                                                                                                                                                                                                                                                                        |
| Network frequency           | 50/60 Hz                                                                                                                                                                                                                                                                                                                  |
| Trip unit technology        | Thermal-magnetic                                                                                                                                                                                                                                                                                                          |
| Breaking capacity           | Icu ≥ 0 kA at 690 V AC 50/60 Hz conforming to IEC 60947-2<br>Icu ≥ 0 kA at 500 V AC 50/60 Hz conforming to IEC 60947-2<br>Icu ≥ 0 kA at 440 V AC 50/60 Hz conforming to IEC 60947-2<br>Icu ≥ 0 kA at 400...415 V AC 50/60 Hz conforming to IEC 60947-2<br>Icu ≥ 0 kA at 230...240 V AC 50/60 Hz conforming to IEC 60947-2 |
| Utilisation category        | AC-3 conforming to IEC 60947-2                                                                                                                                                                                                                                                                                            |
| Suitability for isolation   | Yes conforming to IEC 60947-2                                                                                                                                                                                                                                                                                             |

### Complementary

|                                        |                                                                                                                                                                                                                                                                                                            |
|----------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| [Ue] rated operational voltage         | 690 V AC 50/60 Hz                                                                                                                                                                                                                                                                                          |
| Magnetic tripping limit                | 12 x In                                                                                                                                                                                                                                                                                                    |
| Rated service breaking capacity        | Ics ≥ 0 kA 690 V AC 50/60 Hz conforming to IEC 60947-2<br>Ics ≥ 0 kA 500 V AC 50/60 Hz conforming to IEC 60947-2<br>Ics ≥ 0 kA 440 V AC 50/60 Hz conforming to IEC 60947-2<br>Ics ≥ 0 kA 400...415 V AC 50/60 Hz conforming to IEC 60947-2<br>Ics ≥ 0 kA 230...240 V AC 50/60 Hz conforming to IEC 60947-2 |
| [Ui] rated insulation voltage          | 690 V AC 50/60 Hz conforming to IEC 60947-2                                                                                                                                                                                                                                                                |
| [Uimp] rated impulse withstand voltage | 6 kV conforming to IEC 60947-2                                                                                                                                                                                                                                                                             |
| Control type                           | Toggle                                                                                                                                                                                                                                                                                                     |
| Mounting mode                          | Fixed                                                                                                                                                                                                                                                                                                      |
| Mounting support                       | 35 mm symmetrical DIN rail                                                                                                                                                                                                                                                                                 |
| 9 mm pitches                           | 5                                                                                                                                                                                                                                                                                                          |
| Height                                 | 89 mm                                                                                                                                                                                                                                                                                                      |
| Width                                  | 45 mm                                                                                                                                                                                                                                                                                                      |
| Depth                                  | 70 mm                                                                                                                                                                                                                                                                                                      |
| Product weight                         | 0.26 kg                                                                                                                                                                                                                                                                                                    |
| Electrical durability                  | AC-3: 100000 cycles AC 50/60 Hz conforming to IEC 60947-2                                                                                                                                                                                                                                                  |
| Connections - terminals                | Clamps terminal 2 cable(s) 1 mm <sup>2</sup> rigid<br>Clamps terminal 2 cable(s) 2 mm <sup>2</sup> flexible                                                                                                                                                                                                |

## Environment

|                                       |                                        |
|---------------------------------------|----------------------------------------|
| Standards                             | IEC 60947-2                            |
| Product certifications                | CEBEC<br>DEMKO<br>FI<br>NEMKO<br>SEMKO |
| Tropicalisation                       | 2 conforming to IEC 60947-2            |
| Relative humidity                     | 95 % ( 55 °C )                         |
| Operating altitude                    | 2000 m                                 |
| Ambient air temperature for operation | -20...60 °C                            |
| Ambient air temperature for storage   | -40...80 °C                            |
| RoHS EUR conformity date              | 0631                                   |
| RoHS EUR status                       | Compliant                              |