



### 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          | 6.3 A                                                                                                                                                                                                                                                                                                                           |
| Network type                | AC                                                                                                                                                                                                                                                                                                                              |
| Network frequency           | 50/60 Hz                                                                                                                                                                                                                                                                                                                        |
| Trip unit technology        | Thermal-magnetic                                                                                                                                                                                                                                                                                                                |
| Breaking capacity           | Icu 3 kA at 690 V AC 50/60 Hz conforming to IEC 60947-2<br>Icu 50 kA at 500 V AC 50/60 Hz conforming to IEC 60947-2<br>Icu 50 kA at 440 V AC 50/60 Hz conforming to IEC 60947-2<br>Icu $\geq 0$ kA at 400...415 V AC 50/60 Hz conforming to IEC 60947-2<br>Icu $\geq 0$ 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 2.25 kA 690 V AC 50/60 Hz conforming to IEC 60947-2<br>Ics 50 kA 500 V AC 50/60 Hz conforming to IEC 60947-2<br>Ics 50 kA 440 V AC 50/60 Hz conforming to IEC 60947-2<br>Ics $\geq 0$ kA 400...415 V AC 50/60 Hz conforming to IEC 60947-2<br>Ics $\geq 0$ 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                                                                                                                                                                                                         |

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

## 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                              |