



### Main

|                           |                                                                                                                                                          |
|---------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| Commercial Status         | Commercialised                                                                                                                                           |
| Device application        | Distribution                                                                                                                                             |
| Range of product          | Easy9                                                                                                                                                    |
| Product or component type | Miniature circuit-breaker                                                                                                                                |
| Device short name         | Easy9 MCB                                                                                                                                                |
| Poles                     | 1P                                                                                                                                                       |
| Number of protected poles | 1                                                                                                                                                        |
| [In] rated current        | 50 A                                                                                                                                                     |
| Network type              | AC                                                                                                                                                       |
| Trip unit technology      | Thermal-magnetic                                                                                                                                         |
| Curve code                | B                                                                                                                                                        |
| Breaking capacity         | 6000 A Icn conforming to BS EN 60898-1 - 400 V AC 50/60 Hz phase to phase<br>6000 A Icn conforming to BS EN 60898-1 - 230 V AC 50/60 Hz phase to neutral |
| Suitability for isolation | Yes conforming to BS EN 60898-1                                                                                                                          |

### Complementary

|                                       |                                                                                                                                         |
|---------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| Network frequency                     | 50/60 Hz                                                                                                                                |
| [Ue] rated operational voltage        | 230 V AC 50/60 Hz                                                                                                                       |
| Magnetic tripping limit               | 3...5 x In                                                                                                                              |
| [Ics] rated service breaking capacity | 6 kA 100 % x Icu conforming to BS EN 60898-1 - 230 V AC 50/60 Hz                                                                        |
| Limitation class                      | 3 conforming to BS EN 60898-1                                                                                                           |
| [Ui] rated insulation voltage         | 500 V AC 50/60 Hz conforming to BS EN 60898-1                                                                                           |
| Contact position indicator            | Yes                                                                                                                                     |
| Control type                          | Toggle                                                                                                                                  |
| Local signalling                      | Without                                                                                                                                 |
| Mounting mode                         | Clip-on                                                                                                                                 |
| Mounting support                      | DIN rail                                                                                                                                |
| 9 mm pitches                          | 2                                                                                                                                       |
| Height                                | 82 mm                                                                                                                                   |
| Width                                 | 18 mm                                                                                                                                   |
| Depth                                 | 72 mm                                                                                                                                   |
| Product weight                        | 100 g                                                                                                                                   |
| Colour                                | Grey RAL 7035                                                                                                                           |
| Mechanical durability                 | 10000 cycles                                                                                                                            |
| Electrical durability                 | 4000 cycles                                                                                                                             |
| Connections - terminals               | Tunnel type terminal, top or bottom rigid wire(s) 1...35 mm² max<br>Tunnel type terminal, top or bottom flexible wire(s) 1...25 mm² max |
| Tightening torque                     | 3.5 N.m top or bottom                                                                                                                   |
| Earth-leakage protection              | Without                                                                                                                                 |

## Environment

|                                       |                              |
|---------------------------------------|------------------------------|
| Standards                             | BS EN 60898-1                |
| Product certifications                | CE                           |
| IP degree of protection               | IP20 conforming to IEC 60529 |
| Pollution degree                      | 2                            |
| Tropicalisation                       | 2                            |
| Relative humidity                     | 95 % ( 55 °C )               |
| Ambient air temperature for operation | -5...60 °C                   |
| Ambient air temperature for storage   | -40...85 °C                  |

## Offer Sustainability

|                          |                           |
|--------------------------|---------------------------|
| Sustainable offer status | Not Green Premium product |
|--------------------------|---------------------------|