



## Main

|                             |                                                             |
|-----------------------------|-------------------------------------------------------------|
| Circuit breaker application | Distribution                                                |
| Range                       | Acti 9                                                      |
| Product name                | iKQE RCBO                                                   |
| Product or component type   | Residual current breaker with overcurrent protection (RCBO) |
| Poles description           | 1P + N                                                      |
| [In] rated current          | 16 A at 50 °C                                               |
| Earthing system             | TN                                                          |
| Curve code                  | B                                                           |
| Earth-leakage sensitivity   | 30 mA                                                       |
| Breaking capacity           | Icn : 10000 A - 230 V - AC at 50/60 Hz                      |

## Complementary

|                                          |                                             |
|------------------------------------------|---------------------------------------------|
| Neutral position                         | Left                                        |
| Number of protected poles                | 1                                           |
| Device location in system                | Outgoer                                     |
| Network type                             | AC                                          |
| Network frequency                        | 50 Hz                                       |
| [Ue] rated operational voltage           | Ue: 230 V - AC at 50/60 Hz                  |
| Trip unit technology                     | Thermal-magnetic                            |
| Residual current tripping technology     | Voltage dependent                           |
| Earth-leakage protection time delay      | Instantaneous                               |
| Earth-leakage protection class           | Type A                                      |
| [Icw] rated short-time withstand current | Icw: 250 A during 8/20 µs impulse withstand |
| [Ics] rated service breaking capacity    | Ics: 10000 A - 230 V - AC at 50/60 Hz       |
| Limitation class                         | 3                                           |
| [Ui] rated insulation voltage            | Ui: 400 V - AC at 50/60 Hz                  |
| [Uimp] rated impulse withstand voltage   | Uimp: 4 kV                                  |

|                                                  |                                                                                                                                                                                                                                                                                                                            |
|--------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Suitability for isolation                        | Yes                                                                                                                                                                                                                                                                                                                        |
| Contact position indicator                       | Yes                                                                                                                                                                                                                                                                                                                        |
| Control type                                     | Toggle                                                                                                                                                                                                                                                                                                                     |
| Local signalling                                 | ON/OFF indication                                                                                                                                                                                                                                                                                                          |
| Mounting mode                                    | Clip-on                                                                                                                                                                                                                                                                                                                    |
| Mounting support                                 | DIN rail                                                                                                                                                                                                                                                                                                                   |
| Comb busbar and distribution block compatibility | NO                                                                                                                                                                                                                                                                                                                         |
| 9 mm pitches                                     | 2                                                                                                                                                                                                                                                                                                                          |
| Height                                           | 118 mm                                                                                                                                                                                                                                                                                                                     |
| Width                                            | 18 mm                                                                                                                                                                                                                                                                                                                      |
| Depth                                            | 82 mm                                                                                                                                                                                                                                                                                                                      |
| Product weight                                   | 218 g                                                                                                                                                                                                                                                                                                                      |
| Colour                                           | White                                                                                                                                                                                                                                                                                                                      |
| Mechanical durability                            | 20000 cycles                                                                                                                                                                                                                                                                                                               |
| Electrical durability                            | 5000 cycles                                                                                                                                                                                                                                                                                                                |
| Provision for padlocking                         | Padlockable with padlock Ø 4 mm                                                                                                                                                                                                                                                                                            |
| Locking options description                      | ON/OFF locking facilities                                                                                                                                                                                                                                                                                                  |
| Connections - terminals                          | Tunnel type terminal connection on top or bottom - 1...16 mm <sup>2</sup> - rigid - without cable end<br>Tunnel type terminal connection on top or bottom - 1...10 mm <sup>2</sup> - flexible - without cable end<br>Tunnel type terminal connection on top or bottom - 1...10 mm <sup>2</sup> - flexible - with cable end |
| Wire stripping length                            | 13 mm on top or bottom of power circuit                                                                                                                                                                                                                                                                                    |
| Tightening torque                                | 2 N.m on top or bottom of power circuit                                                                                                                                                                                                                                                                                    |
| Earth-leakage protection                         | Integrated                                                                                                                                                                                                                                                                                                                 |

## Environment

|                                       |               |
|---------------------------------------|---------------|
| Standards                             | BS EN 61009-1 |
| IP degree of protection               | IP20          |
| Tropicalisation                       | 2             |
| Relative humidity                     | 95 % at 55 °C |
| Ambient air temperature for operation | -15...60 °C   |
| Ambient air temperature for storage   | -40...85 °C   |

## Offer Sustainability

|                                  |                                                                                                                                       |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| Sustainable offer status         | Green Premium product                                                                                                                 |
| RoHS (date code: YYWW)           | Compliant - since 1245 - Schneider Electric declaration of conformity<br><a href="#">Schneider Electric declaration of conformity</a> |
| REACH                            | Reference not containing SVHC above the threshold<br><a href="#">Reference not containing SVHC above the threshold</a>                |
| Product environmental profile    | Available<br><a href="#">Product environmental</a>                                                                                    |
| Product end of life instructions | Available<br><a href="#">End of life manual</a>                                                                                       |