

# Product data sheet

Specifications



## Reflex iC60H Ti24 16 A 4P curve B integrated control MCB

A9C64416

### Main

|                           |                                    |
|---------------------------|------------------------------------|
| Device application        | Control<br>Distribution            |
| Range                     | Acti9                              |
| Product name              | Reflex iC60                        |
| Device short name         | Reflex iC60H                       |
| Product or component type | Integrated control circuit breaker |
| Poles description         | 4P                                 |
| Number of protected poles | 4                                  |
| Network type              | AC                                 |
| Trip unit technology      | Thermal-magnetic                   |
| Curve code                | B                                  |

### Complementary

|                               |                                                                                                                                        |
|-------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|
| [In] rated current            | 16 A                                                                                                                                   |
| Network frequency             | 50/60 Hz                                                                                                                               |
| Breaking capacity code        | H                                                                                                                                      |
| Breaking capacity             | 30 kA Icu at 220...240 V AC 50/60 Hz conforming to EN/IEC 60947-2<br>15 kA Icu at 380...415 V AC 50/60 Hz conforming to EN/IEC 60947-2 |
| [Ui] rated insulation voltage | 500 V AC                                                                                                                               |
| Contact position indicator    | Yes                                                                                                                                    |
| Control type                  | Toggle<br>ON/OFF button<br>Remote control by pulse<br>Remote control by continuous command                                             |
| Control signal type           | Maintained very low voltage<br>Impulse<br>Maintained                                                                                   |
| Local signalling              | Flashing LED: device ready<br>Green LED: device ON<br>Flashing LED: device overheat<br>Flashing LED: device tripped<br>Red LED: fault  |
| [Uc] control circuit voltage  | 230 V AC 50/60 Hz<br>24 V AC 50/60 Hz<br>48 V AC 50/60 Hz<br>24 V DC<br>48 V DC                                                        |
| [Us] rated supply voltage     | 230 V AC at 50/60 Hz                                                                                                                   |
| Mounting mode                 | Fixed                                                                                                                                  |

Disclaimer: 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

|                             |                             |
|-----------------------------|-----------------------------|
| Mounting support            | 35 mm symmetrical DIN rail  |
| 9 mm pitches                | 13                          |
| Height                      | 84 mm                       |
| Width                       | 117 mm                      |
| Depth                       | 77 mm                       |
| Colour                      | White                       |
| Mechanical durability       | 50000 cycles                |
| Electrical durability       | AC-1: 50000 cycles AC 50 Hz |
| Provision for padlocking    | Padlockable                 |
| Locking options description | Padlock in OFF position     |
| Earth-leakage protection    | Separate block              |
| Product compatibility       | With PLC                    |

## Environment

|                         |                              |
|-------------------------|------------------------------|
| IP degree of protection | IP20 conforming to IEC 60529 |
| Pollution degree        | 3                            |
| Tropicalisation         | 2                            |
| Relative humidity       | 93 % at 40 °C                |

## Packing Units

|                              |           |
|------------------------------|-----------|
| Unit Type of Package 1       | PCE       |
| Number of Units in Package 1 | 1         |
| Package 1 Height             | 9 cm      |
| Package 1 Width              | 11.2 cm   |
| Package 1 Length             | 16.8 cm   |
| Package 1 Weight             | 798 g     |
| Unit Type of Package 2       | S03       |
| Number of Units in Package 2 | 14        |
| Package 2 Height             | 30 cm     |
| Package 2 Width              | 30 cm     |
| Package 2 Length             | 40 cm     |
| Package 2 Weight             | 11.659 kg |

## Contractual warranty

|                      |    |
|----------------------|----|
| Warranty (in months) | 18 |
|----------------------|----|

Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

|  Environmental footprint |                                               |
|-----------------------------------------------------------------------------------------------------------|-----------------------------------------------|
| Total lifecycle Carbon footprint                                                                          | 48 kg CO2 eq.                                 |
| Carbon footprint of the manufacturing phase [A1 to A3]                                                    | 11 kg CO2 eq.                                 |
| Carbon footprint of the distribution phase [A4]                                                           | 0.1 kg CO2 eq.                                |
| Carbon footprint of the installation phase [A5]                                                           | 0.1 kg CO2 eq.                                |
| Carbon footprint of the use phase [B2, B3, B4, B6]                                                        | 33 kg CO2 eq.                                 |
| Carbon footprint of the end-of-life phase [C1 to C4]                                                      | 3 kg CO2 eq.                                  |
| Environmental Disclosure                                                                                  | <a href="#">Product Environmental Profile</a> |

Use Better

|  Materials and Substances |                                                                                        |
|-------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|
| Packaging made with recycled cardboard                                                                      | Yes                                                                                    |
| Packaging without single use plastic                                                                        | Yes                                                                                    |
| SCIP Number                                                                                                 | 8e8587cb-1e8e-4934-ae0d-4f8ec8c2b050                                                   |
| EU RoHS Directive                                                                                           | <a href="#">Compliant By Exemption</a>                                                 |
| REACH Regulation                                                                                            | <a href="#">Reference contains Substances of Very High Concern above the threshold</a> |
| Halogen-free status                                                                                         | Product contains halogen above thresholds                                              |
| PVC free                                                                                                    | No                                                                                     |
| Silicone-free                                                                                               | No                                                                                     |

Use Longer

|  Lifetime extension |    |
|--------------------------------------------------------------------------------------------------------|----|
| Repair                                                                                                 | No |

Use Again

|  Repack and remanufacture |                                                                                                                                                                                                                 |
|--------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Recyclability potential, in %                                                                                | 55                                                                                                                                                                                                              |
| End of life manual availability                                                                              | No need of specific recycling operations                                                                                                                                                                        |
| Take-back                                                                                                    | No                                                                                                                                                                                                              |
| WEEE Label                                                                                                   |  The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins |

