# Product data sheet
## Characteristics

# A9K27210
## Miniature circuit breaker (MCB), Acti9 iK60N, 2P, 10A, C curve, 6000A (IEC/EN 60898-1)

## Main

| | |
|---|---|
| Device application | Distribution |
| Range | Acti9 |
| Product name | Acti9 iK60 |
| Product or component type | Miniature circuit-breaker |
| Device short name | iK60N |
| Poles description | 2P |
| Number of protected poles | 2 |
| [In] rated current | 10 A at 30 °C |
| Network type | AC |
| Trip unit technology | Thermal-magnetic |
| Curve code | C |
| Breaking capacity | 6000 A Icn at 230 V AC 50/60 Hz conforming to EN/IEC 60898-1 |
| Suitability for isolation | Yes conforming to EN/IEC 60898-1 |
| Standards | EN/IEC 60898-1 |
| Product certifications | SNI |

## Complementary

| | |
|---|---|
| Network frequency | 50/60 Hz |
| Magnetic tripping limit | 5...10 x In |
| [Ics] rated service breaking capacity | 6000 A 100 % conforming to EN/IEC 60898-1 - 230 V AC 50/60 Hz |
| Limitation class | 3 conforming to EN/IEC 60898-1 |
| [Ui] rated insulation voltage | 440 V AC 50/60 Hz conforming to EN/IEC 60898-1 |
| [Uimp] rated impulse withstand voltage | 4 KV conforming to EN/IEC 60898-1 |
| Control type | Toggle |
| Local signalling | ON/OFF indication |
| Mounting mode | Clip-on |
| Mounting support | DIN rail |
| 9 mm pitches | 4 |
| Height | 85 Mm |
| Width | 36 Mm |
| Depth | 78.5 Mm |
| Net weight | 200 G |
| Colour | White |
| Mechanical durability | 20000 Cycles |
| Electrical durability | 10000 Cycles |

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.

| | |
|---|---|
| Locking options description | Padlocking device |
| Connections - terminals | Tunnel type terminal (top or bottom) 1…25 mm² rigid<br>Tunnel type terminal (top or bottom) 1…16 mm² flexible |
| Wire stripping length | 14 Mm for top or bottom connection |
| Tightening torque | 2 N.M top or bottom |
| Earth-leakage protection | Without |

## Environment

| | |
|---|---|
| IP degree of protection | IP20 conforming to IEC 60529 |
| Pollution degree | 2 conforming to EN/IEC 60898-1 |
| Overvoltage category | III |
| Ambient air temperature for operation | -25…60 °C |
| Ambient air temperature for storage | -40…85 °C |

## Packing Units

| | |
|---|---|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Height | 7.5 Cm |
| Package 1 Width | 9.5 Cm |
| Package 1 Length | 3.5 Cm |
| Package 1 Weight | 196 G |
| Unit Type of Package 2 | S01 |
| Number of Units in Package 2 | 6 |
| Package 2 Height | 15 Cm |
| Package 2 Width | 15 Cm |
| Package 2 Length | 40 Cm |
| Package 2 Weight | 1215 G |
| Unit Type of Package 3 | S03 |
| Number of Units in Package 3 | 66 |
| Package 3 Height | 30 Cm |
| Package 3 Width | 30 Cm |
| Package 3 Length | 40 Cm |
| Package 3 Weight | 14080 G |

## Offer Sustainability

| | |
|---|---|
| Sustainable offer status | Green Premium product |
| REACh Regulation | REACh Declaration |
| REACh free of SVHC | Yes |
| EU RoHS Directive | Compliant EU RoHS Declaration |
| Toxic heavy metal free | Yes |
| Mercury free | Yes |
| China RoHS Regulation | China RoHS Declaration |
| RoHS exemption information | Yes |
| Environmental Disclosure | Product Environmental Profile |
| Circularity Profile | No need of specific recycling operations |

Product Life Status : Commercialised