

# Product datasheet

Specifications



## Miniature circuit-breaker. Acti9 iC60a. 2P. 20 A. C curve. 4500 A (IEC 60898-1). 6 kA (IEC 60947-2)

A9F64220

**Price: 696,79 ZAR**

### Main

|                           |   |
|---------------------------|---|
| Device application        | Distribution  |
| Range                     | Acti9   |
| Product name              | Acti9 iC60  |
| Product or component type | Miniature circuit-breaker   |
| Device short name         | iC60a   |
| poles description         | 2P  |
| Number of protected poles | 2   |
| [In] rated current        | 20 A  |
| network type              | AC  |
| Trip unit technology      | Thermal-magnetic  |
| Curve code                | C   |
| Breaking capacity         | 4500 A Icn at 400 V AC 50/60 Hz conforming to EN/IEC 60898-1<br>10 kA Icu at 220...240 V AC 50/60 Hz conforming to EN/IEC 60947-2<br>6 kA Icu at 380...415 V AC 50/60 Hz conforming to EN/IEC 60947-2 |
| Utilisation category      | Category A conforming to EN 60947-2<br>Category A conforming to IEC 60947-2   |
| Suitability for isolation | Yes conforming to EN 60898-1<br>Yes conforming to EN 60947-2<br>Yes conforming to IEC 60898-1<br>Yes conforming to IEC 60947-2  |
| Standards                 | IEC 60898-1<br>IEC 60947-2<br>EN 60898-1<br>EN 60947-2  |

### Complementary

|  |   |
|--|---|
| network frequency                      | 50/60 Hz  |
| Magnetic tripping limit                | 8 x In +/- 20 %   |
| [Ics] rated service breaking capacity  | 10 kA 100 % conforming to EN 60947-2 - 220...240 V AC 50/60 Hz<br>6 kA 100 % conforming to EN 60947-2 - 380...415 V AC 50/60 Hz<br>10 kA 100 % conforming to IEC 60947-2 - 220...240 V AC 50/60 Hz<br>6 kA 100 % conforming to IEC 60947-2 - 380...415 V AC 50/60 Hz<br>4500 A 100 % conforming to EN 60898-1 - 400 V AC 50/60 Hz<br>4500 A 100 % conforming to IEC 60898-1 - 400 V AC 50/60 Hz |
| Limitation class                       | 3 conforming to EN 60898-1<br>3 conforming to IEC 60898-1   |
| [Ui] rated insulation voltage          | 500 V AC 50/60 Hz conforming to EN 60947-2<br>500 V AC 50/60 Hz conforming to IEC 60947-2   |
| [Uimp] rated impulse withstand voltage | 6 kV conforming to EN 60947-2<br>6 kV conforming to IEC 60947-2   |

Excluding VAT and subject to change. Please check with your local distributor through "Where to buy"

|                            |   |
|----------------------------|---|
| Contact position indicator | Yes   |
| Control type               | Toggle  |
| local signalling           | Trip indicator  |
| mounting mode              | Removable comb busbar installed   |
| mounting support           | DIN rail  |
| 9 mm pitches               | 4   |
| Width                      | 36 mm   |
| Depth                      | 78.5 mm   |
| Colour                     | White   |
| Connections - terminals    | Single terminal (top or bottom) 1...25 mm <sup>2</sup> rigid<br>Single terminal (top or bottom) 1...16 mm <sup>2</sup> flexible |
| Wire stripping length      | 14 mm for top or bottom connection  |
| Tightening torque          | 2 N.m top or bottom   |
| Earth-leakage protection   | Separate block  |

## Environment

|                                       |   |
|---------------------------------------|---|
| IP degree of protection               | IP20 B conforming to EN/IEC 60529                         |
| Pollution degree                      | 3 conforming to EN 60947-2<br>3 conforming to IEC 60947-2 |
| Overvoltage category                  | II  |
| Tropicalisation                       | 2 conforming to EN/IEC 60068-2-78                         |
| Relative humidity                     | 95 %  |
| Operating altitude                    | 0...2000 m  |
| Ambient air temperature for operation | -35...70 °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             | 7.300 cm  |
| Package 1 Width              | 3.500 cm  |
| Package 1 Length             | 9.500 cm  |
| Package 1 Weight             | 226.000 g |
| Unit Type of Package 2       | BB1       |
| Number of Units in Package 2 | 6         |
| Package 2 Height             | 7.600 cm  |
| Package 2 Width              | 9.700 cm  |
| Package 2 Length             | 22.300 cm |
| Package 2 Weight             | 1.416 kg  |
| Unit Type of Package 3       | S03       |
| Number of Units in Package 3 | 66        |
| Package 3 Height             | 30.000 cm |

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|                 |           |
|-----------------|-----------|
| Package 3 Width | 30.000 cm |
|-----------------|-----------|

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|                  |           |
|------------------|-----------|
| Package 3 Length | 40.000 cm |
|------------------|-----------|

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|                  |           |
|------------------|-----------|
| Package 3 Weight | 16.084 kg |
|------------------|-----------|

## Contractual warranty

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|          |           |
|----------|-----------|
| Warranty | 18 months |
|----------|-----------|

## Sustainability

**Green Premium™ label** is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO<sub>2</sub> products.

**Guide to assessing product sustainability** is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

[Learn more about Green Premium >](#)


[Guide to assess a product's sustainability >](#)



Transparency RoHS/REACH

## Well-being performance

 Mercury Free

 Rohs Exemption Information Yes

 Halogen Free Product

## Certifications & Standards

Reach Regulation [REACH Declaration](#)

Eu Rohs Directive Compliant with Exemptions

China Rohs Regulation [China RoHS declaration](#)  
Product out of China RoHS scope. Substance declaration for your information

Environmental Disclosure [Product Environmental Profile](#)

Weee The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

Circularity Profile No need of specific recycling operations