

# Product datasheet

Specifications



## iCT 16A 1NO 12V 50Hz contactor

A9C22011

⚠ Discontinued on: 01 Dec 2024

**Price: 569.66 ZAR**

⚠ To be discontinued

### Main

|                                |                         |
|--------------------------------|-------------------------|
| range of product               | Acti9                   |
| Product name                   | Acti9 iCT               |
| Product or component type      | Contactors              |
| Device short name              | iCT                     |
| Device application             | Motor-heating-lighting  |
| Poles                          | 1P                      |
| [Ie] rated operational current | 16 A AC-7A<br>6 A AC-7B |
| Pole contact composition       | 1 NO                    |
| Network type                   | AC                      |
| control type                   | Remote control          |
| [Uc] control circuit voltage   | 12 V AC 50 Hz           |

### Complementary

|  |                              |
|--|------------------------------|
| Network frequency                      | 50 Hz                        |
| [Ue] rated operational voltage         | 250 V AC 50 Hz               |
| Maximum power                          | 1.3 W at 250 V AC            |
| [Ui] rated insulation voltage          | 500 V AC 50/60 Hz            |
| [Uimp] rated impulse withstand voltage | 4 kV                         |
| Control signal type                    | Maintained                   |
| Switching frequency                    | 100 switching operations/day |
| Local signalling                       | Action indicator             |
| Hold-in power consumption in VA        | 3.8 VA                       |
| inrush power in VA                     | 15 VA                        |
| Mounting mode                          | Clip-on                      |
| Mounting support                       | 35 mm symmetrical DIN rail   |
| 9 mm pitches                           | 2                            |
| Height                                 | 81 mm                        |
| Width                                  | 18 mm                        |
| Depth                                  | 68.5 mm                      |
| Colour                                 | White                        |

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

|                                |  |
|--------------------------------|--|
| <b>Mechanical durability</b>   | 1000000 cycles   |
| <b>Electrical durability</b>   | 100000 cycles IEC/EN 61095 16 A 50 Hz AC-7A<br>30000 cycles IEC/EN 61095 6 A 50 Hz AC-7B<br>30000 cycles IEC/EN 61095 50 Hz AC-7C<br>100000 cycles EN/IEC 60947-4-1 50 Hz AC-1<br>30000 cycles EN/IEC 60947-4-1 50 Hz AC-3<br>30000 cycles EN/IEC 60947-4-1 50 Hz AC-5a<br>30000 cycles EN/IEC 60947-4-1 50 Hz AC-5b   |
| <b>Connections - terminals</b> | Control circuit: tunnel type terminals2 cable(s) 1.5 mm <sup>2</sup> rigid<br>Power circuit: tunnel type terminals1 cable(s) 1...4 mm <sup>2</sup> flexible<br>Power circuit: tunnel type terminals1 cable(s) 1.5...6 mm <sup>2</sup> rigid<br>Control circuit: tunnel type terminals1 cable(s) 1.5...2.5 mm <sup>2</sup> rigid<br>Control circuit: tunnel type terminals2 cable(s) 1.5...2.5 mm <sup>2</sup> flexible |
| <b>Tightening torque</b>       | Control circuit: 0.8 N.m<br>Power circuit: 0.8 N.m   |
| <b>Product compatibility</b>   | IACTs  |
| <b>Compatibility code</b>      | ICT  |
| <b>Market segment</b>          | Small commercial<br>Residential  |

## Environment

|  |  |
|--|--|
| <b>Standards</b>                             | IEC/EN 61095   |
| <b>Noise level</b>                           | 30 dB  |
| <b>IP degree of protection</b>               | IP20 conforming to IEC 60529<br>IP40 (modular enclosure) conforming to IEC 60529     |
| <b>Pollution degree</b>                      | 2  |
| <b>Tropicalisation</b>                       | 2 conforming to EN 60947-4-1<br>2 conforming to EN 61095<br>2 conforming to IEC 1095 |
| <b>Relative humidity</b>                     | 95 % at 55 °C  |
| <b>Operating altitude</b>                    | 2000 m   |
| <b>Ambient air temperature for operation</b> | -5...60 °C   |
| <b>Ambient air temperature for storage</b>   | -40...70 °C  |

## Packing Units

|                                     |          |
|-------------------------------------|----------|
| <b>Unit Type of Package 1</b>       | PCE      |
| <b>Number of Units in Package 1</b> | 1        |
| <b>Package 1 Height</b>             | 1.8 cm   |
| <b>Package 1 Width</b>              | 7.0 cm   |
| <b>Package 1 Length</b>             | 8.5 cm   |
| <b>Package 1 Weight</b>             | 109.0 g  |
| <b>Unit Type of Package 2</b>       | BB1      |
| <b>Number of Units in Package 2</b> | 12       |
| <b>Package 2 Height</b>             | 8.0 cm   |
| <b>Package 2 Width</b>              | 9.5 cm   |
| <b>Package 2 Length</b>             | 23.0 cm  |
| <b>Package 2 Weight</b>             | 1.375 kg |
| <b>Unit Type of Package 3</b>       | S03      |

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|                                     |           |
|-------------------------------------|-----------|
| <b>Number of Units in Package 3</b> | 144       |
| <b>Package 3 Height</b>             | 30.0 cm   |
| <b>Package 3 Width</b>              | 30.0 cm   |
| <b>Package 3 Length</b>             | 40.0 cm   |
| <b>Package 3 Weight</b>             | 16.987 kg |

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## **Contractual warranty**

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|                             |    |
|-----------------------------|----|
| <b>Warranty (in months)</b> | 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 170

Environmental Disclosure [Product Environmental Profile](#)

## Use Better



### Materials and Substances

Packaging made with recycled cardboard No

Packaging without single use plastic No

[EU RoHS Directive](#) Compliant with Exemptions

SCIP Number 429095ee-388a-4184-bea4-16f87e374975

REACH Regulation [REACH Declaration](#)

Halogen-free status Product contains halogen above thresholds

## Use Longer



### Lifetime extension

Repair No

## Use Again



### Repack and remanufacture

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