

# Product datasheet

Specifications



## contactor iCT - 3 poles - 3 NO - 16 A - 220..240 V AC

Local distributor code:

396735432

A9C22813

EAN Code: 3606480088650

### Main

|                                |                         |
|--------------------------------|-------------------------|
| range of product               | Acti9                   |
| Product name                   | Acti9 iCT               |
| Product or component type      | Contacteur              |
| Device short name              | iCT                     |
| Device application             | Motor-heating-lighting  |
| Poles                          | 3P                      |
| [Ie] rated operational current | 16 A AC-7A<br>6 A AC-7B |
| Pole contact composition       | 3 NO                    |
| Network type                   | AC                      |
| Control type                   | Remote control          |
| [Uc] control circuit voltage   | 220...240 V AC 50 Hz    |

### Complementary

|  |                              |
|--|------------------------------|
| Network frequency                      | 50 Hz                        |
| [Ue] rated operational voltage         | 400 V AC 50 Hz               |
| Maximum power                          | 1.6 W at 400 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        | 4.6 VA                       |
| Inrush power in VA                     | 34 VA                        |
| Mounting mode                          | Clip-on                      |
| Mounting support                       | 35 mm symmetrical DIN rail   |
| 9 mm pitches                           | 4                            |
| Height                                 | 81 mm                        |
| Width                                  | 36 mm                        |
| Depth                                  | 60 mm                        |
| Colour                                 | White                        |

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

|                                |  |
|--------------------------------|--|
| <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>          | Residential<br>Small commercial  |

## Environment

|  |  |
|--|--|
| <b>Standards</b>                             | IEC/EN 61095   |
| <b>Noise level</b>                           | 30 dB  |
| <b>Heat dissipation</b>                      | 1.6 W  |
| <b>IP degree of protection</b>               | IP20   |
| <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>             | 4 cm     |
| <b>Package 1 Width</b>              | 11 cm    |
| <b>Package 1 Length</b>             | 12 cm    |
| <b>Package 1 Weight</b>             | 226 g    |
| <b>Unit Type of Package 2</b>       | BB1      |
| <b>Number of Units in Package 2</b> | 6        |
| <b>Package 2 Height</b>             | 11.5 cm  |
| <b>Package 2 Width</b>              | 12.5 cm  |
| <b>Package 2 Length</b>             | 25 cm    |
| <b>Package 2 Weight</b>             | 1.465 kg |
| <b>Unit Type of Package 3</b>       | S03      |

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|                                     |          |
|-------------------------------------|----------|
| <b>Number of Units in Package 3</b> | 36       |
| <b>Package 3 Height</b>             | 30 cm    |
| <b>Package 3 Width</b>              | 30 cm    |
| <b>Package 3 Length</b>             | 40 cm    |
| <b>Package 3 Weight</b>             | 9.187 kg |

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## **Contractual warranty**

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|                 |           |
|-----------------|-----------|
| <b>Warranty</b> | 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

## 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](#)

Circularity Profile No need of specific recycling operations