

# Product datasheet

Specifications



## iCT 40A 4NC 220...240V 50Hz contactor

Local distributor code:  
396892809

A9C20847

EAN Code: 3606480375125

### Main

|                                |                          |
|--------------------------------|--------------------------|
| Range Of Product               | Acti9                    |
| Product Name                   | Acti9 iCT                |
| Product Or Component Type      | Contactors               |
| Device Short Name              | iCT                      |
| Device Application             | Motor-heating-lighting   |
| Poles                          | 4P                       |
| [Ie] Rated Operational Current | 40 A AC-7A<br>15 A AC-7B |
| Pole Contact Composition       | 4 NC                     |
| 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                          | 2.1 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        | 6.5 VA                       |
| Inrush Power In Va                     | 53 VA                        |
| Mounting Mode                          | Clip-on                      |
| Mounting Support                       | 35 mm symmetrical DIN rail   |
| 9 Mm Pitches                           | 6                            |
| Height                                 | 85 mm                        |
| Width                                  | 54 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 40 A 50 Hz AC-7A<br>30000 cycles IEC/EN 61095 15 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>Control circuit: tunnel type terminals1 cable(s) 1.5...2.5 mm <sup>2</sup> rigid<br>Power circuit: tunnel type terminals1 cable(s) 6...16 mm <sup>2</sup> flexible<br>Power circuit: tunnel type terminals1 cable(s) 6...25 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: 3.5 N.m   |
| <b>Product Compatibility</b>   | IACTp<br>IACTc<br>IACTs<br>IATEt   |
| <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>Heat Dissipation</b>                      | 2.1 W at 50/60 Hz  |
| <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>             | 6 cm    |
| <b>Package 1 Width</b>              | 11 cm   |
| <b>Package 1 Length</b>             | 12 cm   |
| <b>Package 1 Weight</b>             | 360 g   |
| <b>Unit Type Of Package 2</b>       | BB1     |
| <b>Number Of Units In Package 2</b> | 4       |
| <b>Package 2 Height</b>             | 11.5 cm |
| <b>Package 2 Width</b>              | 12.5 cm |
| <b>Package 2 Length</b>             | 25 cm   |

|                              |          |
|------------------------------|----------|
| Package 2 Weight             | 1.516 kg |
| Unit Type Of Package 3       | S03      |
| Number Of Units In Package 3 | 24       |
| Package 3 Height             | 30 cm    |
| Package 3 Width              | 30 cm    |
| Package 3 Length             | 40 cm    |
| Package 3 Weight             | 9.537 kg |

## Contractual warranty

|          |           |
|----------|-----------|
| 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

Reach Free Of Svhc

Toxic Heavy Metal Free

Mercury Free

Rohs Exemption Information Yes

## Certifications & Standards

**Reach Regulation**

[REACH Declaration](#)

**Eu Rohs Directive**

Compliant

[EU RoHS Declaration](#)

**China Rohs Regulation**

[China RoHS declaration](#)

Pro-active China RoHS declaration (out of China RoHS legal scope)

**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