# **Product datasheet**

Specification





# iCT 16A 4NO 220...240V 50Hz contactor

A9C22814

#### Main

| Range Of Product               | Acti9                   |
|--------------------------------|-------------------------|
| Product Name                   | Acti9 iCT               |
| Product Or Component Type      | Contactor               |
| Device Short Name              | iCT                     |
| Device Application             | Motor-heating-lighting  |
| Poles                          | 4P                      |
| [le] Rated Operational Current | 16 A AC-7A<br>6 A AC-7B |
| Pole Contact Composition       | 4 NO                    |
| Network Type                   | AC                      |
| Control Type                   | Remote control          |
| [Uc] Control Circuit Voltage   | 220240 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                                  | 68.5 mm                      |
| Colour                                 | White                        |

| Mechanical Durability   | 1000000 cycles   |
|-------------------------|--|
| Electrical Durability   | 100000 cycles IEC/EN 61095 16 A 50 Hz AC-7A 30000 cycles IEC/EN 61095 6 A 50 Hz AC-7B 30000 cycles IEC/EN 61095 50 Hz AC-7C 100000 cycles EN/IEC 60947-4-1 50 Hz AC-1 30000 cycles EN/IEC 60947-4-1 50 Hz AC-3 30000 cycles EN/IEC 60947-4-1 50 Hz AC-5a 30000 cycles EN/IEC 60947-4-1 50 Hz AC-5b                                 |
| Connections - Terminals | Control circuit: tunnel type terminals2 cable(s) 1.5 mm² rigid Power circuit: tunnel type terminals1 cable(s) 14 mm² flexible Power circuit: tunnel type terminals1 cable(s) 1.56 mm² rigid Control circuit: tunnel type terminals1 cable(s) 1.52.5 mm² rigid Control circuit: tunnel type terminals2 cable(s) 1.52.5 mm² flexible |
| Tightening Torque       | Control circuit: 0.8 N.m<br>Power circuit: 0.8 N.m   |
| Product Compatibility   | IACTs  |
| Compatibility Code      | ICT  |
| Market Segment          | Residential<br>Small commercial  |

## **Environment**

| Standards                             | IEC/EN 61095   |
|---------------------------------------|--|
| Noise Level                           | 30 dB  |
| Heat Dissipation                      | 1.6 W  |
| Ip Degree Of Protection               | IP20 conforming to IEC 60529 IP40 (modular enclosure) conforming to IEC 60529        |
| Pollution Degree                      | 2  |
| Tropicalisation                       | 2 conforming to EN 60947-4-1<br>2 conforming to EN 61095<br>2 conforming to IEC 1095 |
| Relative Humidity                     | 95 % at 55 °C  |
| Operating Altitude                    | 2000 m   |
| Ambient Air Temperature For Operation | -560 °C  |
| Ambient Air Temperature For Storage   | -4070 °C   |

# **Packing Units**

| Unit Type Of Package 1       | PCE      |
|------------------------------|----------|
| Number Of Units In Package 1 | 1        |
| Package 1 Height             | 4 cm     |
| Package 1 Width              | 11 cm    |
| Package 1 Length             | 12 cm    |
| Package 1 Weight             | 234 g    |
| Unit Type Of Package 2       | BB1      |
| Number Of Units In Package 2 | 6        |
| Package 2 Height             | 11.5 cm  |
| Package 2 Width              | 12.5 cm  |
| Package 2 Length             | 25 cm    |
| Package 2 Weight             | 1.482 kg |

| Unit Type Of Package 3       | S03      |
|------------------------------|----------|
| Number Of Units In Package 3 | 36       |
| Package 3 Height             | 30 cm    |
| Package 3 Width              | 30 cm    |
| Package 3 Length             | 40 cm    |
| Package 3 Weight             | 9.395 kg |

## **Contractual warranty**

Warranty 18 months

# Sustainability Green Premium

**Green Premium**<sup>TM</sup> **label** is Schneider Electric's commitment to delivering products with best-inclass 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  |