

Product data sheet

Specifications



iCT 100A 2NO 220...240V 50Hz contactor

A9C20882

Main

| | |
|--------------------------------|--|
| Range Of Product | Acti9 |
| Product Name | Acti9 iCT |
| Product Or Component Type | Contactor |
| Device Short Name | iCT |
| Device Application | Heating-low inductive load |
| Poles | 2P |
| [Ie] Rated Operational Current | 100 A AC-7A |
| Pole Contact Composition | 2 NO |
| Network Type | AC |
| Utilisation Category | AC-1 conforming to EN 60947-4-1 AC-7A conforming to EN 61095 AC-7A conforming to IEC 61095 AC-7A conforming to UTE C 61-481 AC-1 conforming to IEC 60947-4-1 |
| Control Type | Remote control |
| [Uc] Control Circuit Voltage | 220...240 V AC 50 Hz |

Complementary

| | |
|--|--------------------------------|
| Network Frequency | 50 Hz |
| [Ue] Rated Operational Voltage | 250 V AC 50 Hz |
| Maximum Power | AC-7A: 2.1 W at 250 V AC 50 Hz |
| [Ui] Rated Insulation Voltage | 500 V AC 50 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 |

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

| | |
|-------------------------|--|
| Depth | 60 mm |
| Colour | White |
| Electrical Durability | 30000 cycles EN 61095 250 V 16 A AC 50 Hz AC-7A 30000 cycles UTE C 61-481 250 V 6 A AC 50 Hz AC-7A 30000 cycles IEC 61095 250 V AC 50 Hz AC-7A |
| Connections - Terminals | Control circuit: tunnel type terminals2 cable(s) 1.5 mm² rigid Control circuit: tunnel type terminals1 cable(s) 1.5...2.5 mm² rigid Control circuit: tunnel type terminals2 cable(s) 1.5...2.5 mm² flexible Power circuit: tunnel type terminals1 cable(s) 6...35 mm² solid or flexible |
| Tightening Torque | Power circuit: 3.5 N.m Control circuit: 0.8 N.m A1 / A2 |
| Product Compatibility | IACts IACtp IACet IACtc |
| Compatibility Code | ICT |
| Market Segment | Small commercial Residential |

Environment

| | |
|---------------------------------------|--|
| Standards | UTE C 61-481 IEC 61095 EN 61095 |
| Noise Level | 30 dB |
| Heat Dissipation | 2.1 W at 50/60 Hz |
| 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 |
| Relative Humidity | 95 % at 55 °C |
| Operating Altitude | 2000 m |
| Ambient Air Temperature For Operation | -5...60 °C |
| Ambient Air Temperature For Storage | -40...70 °C |

Packing Units

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|------------------------------|-----------|
| Unit Type Of Package 1 | PCE |
| Number Of Units In Package 1 | 1 |
| Package 1 Height | 6.000 cm |
| Package 1 Width | 11.200 cm |
| Package 1 Length | 12.200 cm |
| Package 1 Weight | 351.000 g |
| Unit Type Of Package 2 | BB1 |
| Number Of Units In Package 2 | 4 |
| Package 2 Height | 11.500 cm |
| Package 2 Width | 12.600 cm |
| Package 2 Length | 25.000 cm |
| Package 2 Weight | 1.485 kg |

| | |
|------------------------------|-----------|
| Unit Type Of Package 3 | S03 |
| Number Of Units In Package 3 | 24 |
| Package 3 Height | 30.000 cm |
| Package 3 Width | 30.000 cm |
| Package 3 Length | 40.000 cm |
| Package 3 Weight | 9.285 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-CO₂ 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 |