

Product data sheet

Specifications



iCT 40A 2NO 220...240V 50Hz MO contact

A9C21842

Main

| | |
|--------------------------------|---------------------------|
| Range Of Product | Acti9 |
| Product Name | Acti9 iCT |
| Product Or Component Type | Contactors |
| Device Short Name | iCT |
| Device Application | Motor-heating-lighting |
| Poles | 2P |
| [Ie] Rated Operational Current | 40 A AC-7A 15 A AC-7B |
| Pole Contact Composition | 2 NO |
| Network Type | AC |
| Control Type | Remote and manual 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 | 1.6 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 | 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 | 85 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

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|-------------------------|--|
| Mechanical Durability | 1000000 cycles |
| Electrical Durability | 100000 cycles IEC/EN 61095 40 A 50 Hz AC-7A 30000 cycles IEC/EN 61095 15 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 Control circuit: tunnel type terminals1 cable(s) 1.5...2.5 mm² rigid Power circuit: tunnel type terminals1 cable(s) 6...16 mm² flexible Power circuit: tunnel type terminals1 cable(s) 6...25 mm² rigid Control circuit: tunnel type terminals2 cable(s) 1.5...2.5 mm² flexible |
| Tightening Torque | Control circuit: 0.8 N.m Power circuit: 3.5 N.m |
| Product Compatibility | IACTp IACTs IAETt IACTc |
| Compatibility Code | ICT |
| Market Segment | Small commercial Residential |

Environment

| | |
|---------------------------------------|--|
| Standards | IEC/EN 61095 |
| Noise Level | 30 dB |
| Heat Dissipation | 1.6 W at 50/60 Hz |
| Ip Degree Of Protection | IP20 |
| Pollution Degree | 2 |
| Tropicalisation | 2 conforming to EN 60947-4-1 2 conforming to EN 61095 2 conforming to IEC 1095 |
| 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 | 4 cm |
| Package 1 Width | 12 cm |
| Package 1 Length | 11 cm |
| Package 1 Weight | 259 g |
| Unit Type Of Package 2 | BB1 |
| Number Of Units In Package 2 | 6 |
| Package 2 Height | 11.5 cm |
| Package 2 Width | 12.4 cm |
| Package 2 Length | 25 cm |

| | |
|------------------------------|-----------|
| Package 2 Weight | 1.628 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 | 10.256 kg |

Contractual warranty

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|----------|-----------|
| Warranty | 18 months |
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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

✓ 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 |