

Product data sheet

Characteristics

A9C20882

Acti9, ICT 100A 2NO 220...240V 50Hz contactor



Main

| | |
|--------------------------------|--|
| Range of product | Acti9 |
| Product name | Acti9 iCT |
| Product or component type | Contacteur |
| 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

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| 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 |
| 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 mm ² rigid Control circuit: tunnel type terminals1 cable(s) 1.5...2.5 mm ² rigid Control circuit: tunnel type terminals2 cable(s) 1.5...2.5 mm ² flexible Power circuit: tunnel type terminals1 cable(s) 6...35 mm ² solid or flexible |

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| Tightening torque | Power circuit: 3.5 N.m Control circuit: 0.8 N.m A1 / A2 |
| Product compatibility | IACTs IACTp IATEt IACTc |
| Compatibility code | ICT |
| Market segment | Small commercial Residential |


Environment

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

Offer Sustainability

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|----------------------------|---|
| Sustainable offer status | Green Premium product |
| REACH Regulation |  REACH Declaration |
| REACH free of SVHC | Yes |
| EU RoHS Directive | Compliant  EU RoHS Declaration |
| Toxic heavy metal free | Yes |
| Mercury free | Yes |
| China RoHS Regulation |  China RoHS Declaration |
| RoHS exemption information |  Yes |
| Environmental Disclosure |  Product Environmental Profile |

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| Circularity Profile | No need of specific recycling operations |
| WEEE | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins |

Contractual warranty

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| Warranty | 18 months |
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