

Product Datasheet

Characteristic

A9C20732

iCT 25A 2NO 230...240V 50Hz contactor



Main

| | |
|--------------------------------|---------------------------|
| Range | Acti9 |
| Product name | Acti9 iCT |
| product or component type | Contacteur |
| Device short name | iCT |
| Device application | Motor-heating-lighting |
| poles description | 2P |
| [Ie] rated operational current | 25 A AC-7A 8.5 A AC-7B |
| Pole contact composition | 2 NO |
| Network type | AC |
| Control type | Remote control |
| [Uc] control circuit voltage | 230...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 | 1.2 W at 250 V AC |
| [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 | 2.7 VA |
| Inrush power in VA | 9.2 VA |
| mounting mode | Clip-on |
| mounting support | 35 mm symmetrical DIN rail |
| 9 mm pitches | 2 |
| Height | 81 mm |
| Width | 18 mm |
| Depth | 68.5 mm |
| Colour | White |
| Mechanical durability | 1000000 cycles |
| Electrical durability | 100000 cycles IEC/EN 61095 25 A 50 Hz AC-7A |

| | |
|-------------------------|--|
| | 30000 cycles IEC/EN 61095 8.5 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 mm ² rigid Power circuit: tunnel type terminals1 cable(s) 1...4 mm ² flexible Power circuit: tunnel type terminals1 cable(s) 1.5...6 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 |
| Tightening torque | Control circuit: 0.8 N.m Power circuit: 0.8 N.m |
| Product compatibility | IACTs IACTp IACT 24 IATEt IACTc |
| Compatibility code | ICT |
| Market segment | Residential Small commercial |

Environment

| | |
|---------------------------------------|--|
| Standards | IEC/EN 61095 |
| Noise level | 30 dB |
| Heat dissipation | 0.9 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 IEC 60068-1 2 |
| 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 | 1.800 cm |
| Package 1 Width | 7.000 cm |
| Package 1 Length | 8.500 cm |
| Package 1 Weight | 116.000 g |
| Unit Type of Package 2 | BB1 |
| Number of Units in Package 2 | 12 |
| Package 2 Height | 8.000 cm |
| Package 2 Width | 9.500 cm |
| Package 2 Length | 23.000 cm |
| Package 2 Weight | 1.451 kg |
| Unit Type of Package 3 | S03 |
| Number of Units in Package 3 | 144 |
| Package 3 Height | 30.000 cm |
| Package 3 Width | 30.000 cm |
| Package 3 Length | 40.000 cm |
| Package 3 Weight | 17.903 kg |

Offer Sustainability

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|--------------------------|--|
| Sustainable offer status | Green Premium product |
| REACH Regulation | Reference contains Substances of Very High Concern above the threshold |

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|----------------------------|---|
| EU RoHS Directive | Compliant with Exemptions |
| Mercury free | Yes |
| China RoHS Regulation | Product out of China RoHS scope. Substance declaration for your information |
| RoHS exemption information | Yes |
| Environmental Disclosure | ENVPEP110308EN |
| Circularity Profile | N/A |