

Product datasheet

Characteristics

A9C20838

iCT 25A 2NO 2NC 220...240V 50Hz contactor



Main

| | |
|--------------------------------|---------------------------|
| Range of product | Acti 9 |
| Product name | Acti 9 iCT |
| Product or component type | Contactor |
| Device short name | ICT |
| Device application | Motor-heating-lighting |
| Poles | 4P |
| [Ie] rated operational current | 25 A AC-7A 8.5 A AC-7B |
| Pole contact composition | 2 NO + 2 NC |
| Network type | AC |
| Control type | Remote control |
| [Uc] control circuit voltage | 220...240 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 | 60 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 | IACTc IATEt IACTp IACTs |
| 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 |

Offer Sustainability

| | |
|----------------------------|---|
| Sustainable offer status | Green Premium product |
| REACH Regulation | REACH Declaration |
| EU RoHS Directive | Compliant EU RoHS Declaration |
| Mercury free | Yes |
| RoHS exemption information | Yes |
| 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 |
| WEEE | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins |

Contractual warranty

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



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