# Product datasheet
## Characteristics

# A9C20844
contactor iCT - 4 poles - 4 NO - 40 A - 220..240 V AC




## 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 | 40 A AC-7A<br>15 A AC-7B |
| Pole contact composition | 4 NO |
| 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 | 2.1 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 | 6.5 VA |
| Inrush power in VA | 53 VA |
| Mounting mode | Clip-on |
| Mounting support | 35 mm symmetrical DIN rail |
| 9 mm pitches | 6 |

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

| | |
|---|---|
| Height | 85 mm |
| Width | 54 mm |
| Depth | 60 mm |
| Colour | White |
| Mechanical durability | 1000000 cycles |
| Electrical durability | 100000 cycles IEC/EN 61095 40 A 50 Hz AC-7A<br>30000 cycles IEC/EN 61095 15 A 50 Hz AC-7B<br>30000 cycles IEC/EN 61095 50 Hz AC-7C<br>100000 cycles EN/IEC 60947-4-1 50 Hz AC-1<br>30000 cycles EN/IEC 60947-4-1 50 Hz AC-3<br>30000 cycles EN/IEC 60947-4-1 50 Hz AC-5A<br>30000 cycles EN/IEC 60947-4-1 50 Hz AC-5B |
| Connections - terminals | Control circuit: tunnel type terminals2 cable(s) 1.5 mm² rigid<br>Control circuit: tunnel type terminals1 cable(s) 1.5…2.5 mm² rigid<br>Power circuit: tunnel type terminals1 cable(s) 6…16 mm² flexible<br>Power circuit: tunnel type terminals1 cable(s) 6…25 mm² rigid<br>Control circuit: tunnel type terminals2 cable(s) 1.5…2.5 mm² flexible |
| Tightening torque | Control circuit: 0.8 N.m<br>Power circuit: 3.5 N.m |
| Product compatibility | IACTp<br>IATEt<br>IACTc<br>IACTs |
| Compatibility code | ICT |
| Market segment | Residential<br>Small commercial |

## Environment

| | |
|---|---|
| Standards | IEC/EN 61095 |
| Noise level | 30 dB |
| Heat dissipation | 2.1 W at 50/60 Hz |
| IP degree of protection | IP20 |
| Pollution degree | 2 |
| Tropicalisation | 2 conforming to EN 60947-4-1<br>2 conforming to EN 61095<br>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<br>EU RoHS Declaration |
| Toxic heavy metal free | Yes |
| Mercury free | Yes |
| RoHS exemption information | Yes |
| China RoHS Regulation | China RoHS declaration<br>Pro-active China RoHS declaration (out of China RoHS legal scope) |
| 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

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