

## Product data sheet

### Characteristics

# A9C20834

contactor iCT - 4 poles - 4 NO - 25 A - 220..240 V AC



### Main

|                                |                           |
|--------------------------------|---------------------------|
| Range of product               | Acti9                     |
| Product name                   | Acti9 iCT                 |
| Product or component type      | Contacteur                |
| Device short name              | ICT                       |
| Device application             | Motor-heating-lighting    |
| Poles                          | 4P                        |
| [Ie] rated operational current | 25 A AC-7A<br>8.5 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                          | 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<br>30000 Cycles IEC/EN 61095 8.5 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 mm <sup>2</sup> rigid<br>Power circuit: tunnel type terminals1 cable(s) 1...4 mm <sup>2</sup> flexible<br>Power circuit: tunnel type terminals1 cable(s) 1.5...6 mm <sup>2</sup> rigid<br>Control circuit: tunnel type terminals1 cable(s) 1.5...2.5 mm <sup>2</sup> rigid<br>Control circuit: tunnel type terminals2 cable(s) 1.5...2.5 mm <sup>2</sup> flexible |

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|                       |  |
|-----------------------|--|
| Tightening torque     | Control circuit: 0.8 N.m<br>Power circuit: 0.8 N.m |
| Product compatibility | IATEt<br>IACTs<br>IACTc<br>IACTp                   |
| Compatibility code    | ICT  |
| Market segment        | Small commercial<br>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<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  |

## Packing Units

|                              |          |
|------------------------------|----------|
| Unit Type of Package 1       | PCE      |
| Number of Units in Package 1 | 1        |
| Package 1 Weight             | 234 g    |
| Package 1 Height             | 11 cm    |
| Package 1 width              | 4.2 cm   |
| Package 1 Length             | 12.2 cm  |
| Unit Type of Package 2       | P06      |
| Number of Units in Package 2 | 288      |
| Package 2 Weight             | 84.3 kg  |
| Package 2 Height             | 75 cm    |
| Package 2 width              | 60 cm    |
| Package 2 Length             | 80 cm    |
| Unit Type of Package 3       | S03      |
| Number of Units in Package 3 | 36       |
| Package 3 Weight             | 9.475 kg |
| Package 3 Height             | 30 cm    |
| Package 3 width              | 30 cm    |
| Package 3 Length             | 40 cm    |

## Offer Sustainability

|                            |   |
|----------------------------|---|
| Sustainable offer status   | Green Premium product   |
| REACH Regulation           |  <a href="#">REACH Declaration</a>             |
| EU RoHS Directive          | Compliant  <a href="#">EU RoHS Declaration</a> |
| Mercury free               | Yes   |
| RoHS exemption information |  <a href="#">Yes</a>                           |
| China RoHS Regulation      |  <a href="#">China RoHS Declaration</a>        |
| Environmental Disclosure   |  <a href="#">Product Environmental Profile</a> |
| 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 | 12 months |
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