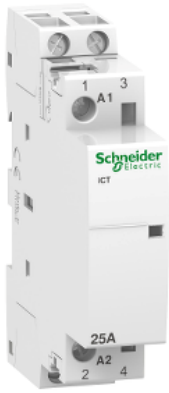


# Product data sheet

Specifications



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

A9C20732

### Main

|                                |                           |
|--------------------------------|---------------------------|
| Range of product               | Acti9                     |
| Product name                   | Acti9 iCT                 |
| Product or component type      | Contactors                |
| Device short name              | iCT                       |
| Device application             | Motor-heating-lighting    |
| Poles                          | 2P                        |
| [Ie] rated operational current | 25 A AC-7A<br>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

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

|                                |  |
|--------------------------------|--|
| <b>Width</b>                   | 18 mm  |
| <b>Depth</b>                   | 68.5 mm  |
| <b>Colour</b>                  | White  |
| <b>Mechanical durability</b>   | 1000000 cycles   |
| <b>Electrical durability</b>   | 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   |
| <b>Connections - terminals</b> | 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 |
| <b>Tightening torque</b>       | Control circuit: 0.8 N.m<br>Power circuit: 0.8 N.m   |
| <b>Product compatibility</b>   | IACTs<br>IACTp<br>IACT 24<br>IATEt<br>IACTc  |
| <b>Compatibility code</b>      | ICT  |
| <b>Market segment</b>          | Residential<br>Small commercial  |

## Environment

|  |  |
|--|--|
| <b>Standards</b>                             | IEC/EN 61095   |
| <b>Noise level</b>                           | 30 dB  |
| <b>Heat dissipation</b>                      | 0.9 W at 50/60 Hz  |
| <b>IP degree of protection</b>               | IP20 conforming to IEC 60529<br>IP40 (modular enclosure) conforming to IEC 60529 |
| <b>Pollution degree</b>                      | 2  |
| <b>Tropicalisation</b>                       | 2 conforming to IEC 60068-1<br>2   |
| <b>Relative humidity</b>                     | 95 % at 55 °C  |
| <b>Operating altitude</b>                    | 2000 m   |
| <b>Ambient air temperature for operation</b> | -5...60 °C   |
| <b>Ambient air temperature for storage</b>   | -40...70 °C  |

## Packing Units

|                                     |                  |
|-------------------------------------|------------------|
| <b>Unit Type of Package 1</b>       | Db               |
| <b>Number of Units in Package 1</b> | 1                |
| <b>Package 1 Height</b>             | 1.8 cm           |
| <b>Package 1 Width</b>              | 7 cm             |
| <b>Package 1 Length</b>             | 8.5 cm           |
| <b>Package 1 Weight</b>             | 116 g            |
| <b>Unit Type of Package 2</b>       | Gyári csomagolás |
| <b>Number of Units in Package 2</b> | 12               |
| <b>Package 2 Height</b>             | 8 cm             |
| <b>Package 2 Width</b>              | 9.5 cm           |

|                              |           |
|------------------------------|-----------|
| Package 2 Length             | 23 cm     |
| Package 2 Weight             | 1.451 kg  |
| Unit Type of Package 3       | Doboz     |
| Number of Units in Package 3 | 144       |
| Package 3 Height             | 30 cm     |
| Package 3 Width              | 30 cm     |
| Package 3 Length             | 40 cm     |
| Package 3 Weight             | 17.903 kg |

## Offer Sustainability

|                            |   |
|----------------------------|---|
| Sustainable offer status   | Green Premium product   |
| REACH Regulation           | <a href="#">REACH Declaration</a>   |
| EU RoHS Directive          | Compliant<br><a href="#">EU RoHS Declaration</a>  |
| Mercury free               | Yes   |
| China RoHS Regulation      | <a href="#">China RoHS declaration</a><br>Product out of China RoHS scope. Substance declaration for your information |
| RoHS exemption information | Yes   |
| Environmental Disclosure   | <a href="#">Product Environmental Profile</a>   |

## Contractual warranty

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

## Recommended replacement(s)