



## 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 | 63 A AC-7A<br>20 A AC-7B |
| Pole contact composition       | 4 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                          | 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                            |
| Height                                 | 85 mm                        |
| Width                                  | 54 mm                        |

|                         |                                                                                                                                                                                                                                                                                                                                                            |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Depth                   | 60 mm                                                                                                                                                                                                                                                                                                                                                      |
| Colour                  | White                                                                                                                                                                                                                                                                                                                                                      |
| Mechanical durability   | 1000000 cycles                                                                                                                                                                                                                                                                                                                                             |
| Electrical durability   | 100000 cycles IEC/EN 61095 63 A 50 Hz AC-7A<br>30000 cycles IEC/EN 61095 20 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>IACts<br>IACtc<br>IACte                                                                                                                                                                                                                                                                                                                           |
| Compatibility code      | ICT                                                                                                                                                                                                                                                                                                                                                        |
| Market segment          | Small commercial<br>Residential                                                                                                                                                                                                                                                                                                                            |

## 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           | <a href="#">REACH Declaration</a>                                                                                           |
| REACH free of SVHC         | Yes                                                                                                                         |
| EU RoHS Directive          | Compliant<br><a href="#">EU RoHS Declaration</a>                                                                            |
| Toxic heavy metal free     | Yes                                                                                                                         |
| Mercury free               | Yes                                                                                                                         |
| RoHS exemption information | <a href="#">Yes</a>                                                                                                         |
| China RoHS Regulation      | <a href="#">China RoHS declaration</a><br>Pro-active China RoHS declaration (out of China RoHS legal scope)                 |
| Environmental Disclosure   | <a href="#">Product Environmental Profile</a>                                                                               |
| 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 |
|----------|-----------|