

# Product datasheet

Specifications



## contactor CT - 2 poles - 2 NO - 100 A - 220..240 V AC

15977

⚠ Discontinued on: 1 Apr 2019

⚠ Discontinued

### Main

|                                |                                                                                                                                    |
|--------------------------------|------------------------------------------------------------------------------------------------------------------------------------|
| Product or component type      | Contactor                                                                                                                          |
| Device short name              | CT                                                                                                                                 |
| Device application             | Control circuit                                                                                                                    |
| Poles                          | 2P                                                                                                                                 |
| [Ie] rated operational current | 100 A AC-7A                                                                                                                        |
| Pole contact composition       | 2 NO                                                                                                                               |
| Network type                   | AC                                                                                                                                 |
| Utilisation category           | AC-1 conforming to IEC 60947-4<br>AC-3 conforming to IEC 60947-4<br>AC-7A conforming to IEC 61095<br>AC-7B conforming to IEC 61095 |
| Control type                   | Remote control                                                                                                                     |
| [Uc] control circuit voltage   | 220/240 V AC 50 Hz                                                                                                                 |

### Complementary

|                                 |                                                                                                                                                                                                                                                                      |
|---------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Network frequency               | 50 Hz                                                                                                                                                                                                                                                                |
| [Ue] rated operational voltage  | 250 V AC 50 Hz                                                                                                                                                                                                                                                       |
| Maximum power                   | 8 W at 250 V AC                                                                                                                                                                                                                                                      |
| Control signal type             | Maintained                                                                                                                                                                                                                                                           |
| Local signalling                | Color 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                          | 81 mm                                                                                                                                                                                                                                                                |
| Width                           | 18 mm                                                                                                                                                                                                                                                                |
| Depth                           | 60 mm                                                                                                                                                                                                                                                                |
| Colour                          | Grey                                                                                                                                                                                                                                                                 |
| Connections - terminals         | Control circuit: tunnel type terminals2 cable(s) 2.5 mm² flexible<br>Control circuit: tunnel type terminals2 cable(s) 1.5 mm² rigid<br>Power circuit: tunnel type terminals2 cable(s) 35 mm² flexible<br>Power circuit: tunnel type terminals1 cable(s) 50 mm² rigid |

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

|                       |                                                                                          |
|-----------------------|------------------------------------------------------------------------------------------|
| Product compatibility | Auxiliary contact<br>Time delay<br>Interference filter<br>Mixed control: impulse/latched |
| Compatibility code    | CT                                                                                       |

## Environment

|                                       |                                                                                      |
|---------------------------------------|--------------------------------------------------------------------------------------|
| Standards                             | IEC/EN 61095                                                                         |
| Product certifications                | VDE<br>CEBEC<br>EAC<br>IMQ<br>CCC                                                    |
| Noise level                           | 30 dB                                                                                |
| 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 Height             | 5.4 cm |
| Package 1 Width              | 7 cm   |
| Package 1 Length             | 8.5 cm |
| Package 1 Weight             | 299 g  |



## Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)



### Environmental footprint

Environmental Disclosure

[Product Environmental Profile](#)

## Use Longer



### Lifetime extension

Repair

No

## Use Again



### Repack and remanufacture

WEEE Label



The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins