

# Product data sheet

## Characteristics

# TA16D4S1004TPE

## automatic transfer switch, TransferPacT

### automatic, 100A, 4P, rotary, frame 160A



### Main

|   |  |
|---|--|
| Range of product                          | TransferPacT   |
| Product or component type                 | Automatic transfer switch  |
| Device application                        | Change source of supply  |
| Poles description                         | 4P   |
| Network type                              | AC   |
| Network frequency                         | 50/60 Hz   |
| Downside connection                       | Screwed  |
| Mounting mode                             | Fixed  |
| Upside connection                         | Screwed  |
| Contact position indicator                | Yes  |
| [Icm] rated short-circuit making capacity | 154 KA with upstream protection circuit breaker 400 V AC at 50 Hz<br>20 kA switch-disconnector alone 400 V AC at 50 Hz |
| Suitability for isolation                 | Yes  |

### Complementary

|   |                                    |
|---|------------------------------------|
| Transfer switch class                       | PC                                 |
| Number of contact position                  | 3                                  |
| Signal contacts composition                 | 1 NO + 2 NC<br>1 NC + 2 NO<br>2 NO |
| Utilization category                        | AC-33B                             |
| [Ue] rated operational voltage              | 400 V AC 50/60 Hz                  |
| Control type                                | Rotary knob<br>Selector switch     |
| Operating mode                              | Automatic<br>Manual                |
| Mounting support                            | Plate<br>DIN rail                  |
| Locking options description                 | Padlock in OFF position            |
| Rated duty                                  | Uninterrupted                      |
| [Ui] rated insulation voltage               | Switch: 800 V<br>Controller: 500 V |
| [Uimp] rated impulse withstand voltage      | Switch: 8 kV<br>Controller: 6 kV   |
| [Ie] rated operational current              | 100 A                              |
| Mechanical interlocking                     | With mechanical interlocking       |
| Mechanical durability                       | 10000 cycles                       |
| Connection pitch                            | 30 mm                              |
| [Icw] rated short-time withstand current    | 10 kA during 0.1 s                 |
| Height                                      | 164 mm                             |
| Width                                       | 351 mm                             |
| Depth                                       | 95 mm                              |
| Net weight                                  | 5.6 kg                             |
| [Ith] conventional free air thermal current | 100 A at 60 °C                     |

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## Environment

|                                       |  |
|---------------------------------------|--|
| Standards                             | IEC 60947-6-1  |
| Product certifications                | CE[RETURN]CB[RETURN]CCC  |
| IP degree of protection               | Front face: IP40 auto mode<br>Inside the enclosure: IP20 manual mode |
| Ambient air temperature for operation | -25...70 °C  |
| Ambient air temperature for storage   | -35...85 °C  |
| Pollution degree                      | 3  |

## Packing Units

|                              |           |
|------------------------------|-----------|
| Unit Type of Package 1       | PCE       |
| Number of Units in Package 1 | 1         |
| Package 1 Height             | 14.000 cm |
| Package 1 Width              | 22.000 cm |
| Package 1 Length             | 40.000 cm |
| Package 1 Weight             | 6.574 kg  |

## Offer Sustainability

|                            |   |
|----------------------------|---|
| Sustainable offer status   | Green Premium product   |
| REACH Regulation           |  <a href="#">REACH Declaration</a>               |
| REACH free of SVHC         | Yes   |
| EU RoHS Directive          | Compliant with Exemptions   |
| Mercury free               | Yes   |
| China RoHS Regulation      |  <a href="#">China RoHS Declaration</a>        |
| RoHS exemption information |  <a href="#">Yes</a>                           |
| Environmental Disclosure   |  <a href="#">Product Environmental Profile</a> |
| Circularity Profile        |  <a href="#">End Of Life Information</a>       |