

## PRODUCT-DETAILS

# OXB500E1S2QT

# OXB500E1S2QT AUTOMATIC TRANSFER SWITCH



## General Information

|                       |                                        |
|-----------------------|----------------------------------------|
| Extended Product Type | OXB500E1S2QT                           |
| Product ID            | 1SCA151024R1001                        |
| EAN                   | 6417019812816                          |
| Catalog Description   | OXB500E1S2QT AUTOMATIC TRANSFER SWITCH |

|                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Long Description | <p>The all-new TruONE is the world's first true purpose-built automatic transfer switch, engineered to incorporate switch and controller in one seamless unit. Performance tested beyond standard requirements, TruONE stands ready to ensure the steady delivery of critical power at all times.</p> <p>Its self-contained design reduces the number of wires and connections, which speeds installation and minimizes the potential for connection failures to ensure best-in-class reliability.</p> <p>Its predictive maintenance and modular components reduce downtime and service costs. And its advanced connectivity is ready for the future.</p> <p>Every TruONE features a wide voltage range, reducing the need to stock multiple SKUs, reducing inventory and saving space in the warehouse.</p> <p>Main characteristics of this particular TruONE type:<br/>Open style ATS, delayed transition type I-O-II operation, Level 2 controller (DIP)</p> |
|------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

## Ordering

|                        |              |
|------------------------|--------------|
| Minimum Order Quantity | 1 piece      |
| Customs Tariff Number  | 85365080     |
| Country of Origin      | Finland (FI) |

## Popular Downloads

|                                   |                                                                                                                                          |
|-----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| Data Sheet, Technical Information | 1SCC303008C0201                                                                                                                          |
| Instructions and Manuals          | 1SCC303011M0201                                                                                                                          |
| Mechanical Drawings               | OX_500-800E_1S2_T_.stp<br>1SCC308255F0001<br>1SCC308254F0001<br>1SCC308253F0001<br>1SCC308252F0001<br>1SCC308329F0001<br>1SCC308328F0001 |
| Wiring Diagram                    | Circuit diagram_OXB_T_.dxf<br>Circuit diagram_OXB_T_.pdf                                                                                 |

## Dimensions

|                            |                      |
|----------------------------|----------------------|
| Product Net Width          | 382 mm<br>15.04 in   |
| Product Net Height         | 313 mm<br>12.32 in   |
| Product Net Depth / Length | 212 mm<br>8.35 in    |
| Product Net Weight         | 16.91 kg<br>37.28 lb |

## Technical

|                                                       |                                  |
|-------------------------------------------------------|----------------------------------|
| Rated Operational Current<br>AC-31B ( $I_e$ )         | (200 ... 240 V AC) 500 A         |
| Conventional Free-air<br>Thermal Current ( $I_{th}$ ) | $q = 40^\circ\text{C}$ 500 A     |
| Rated Impulse Withstand<br>Voltage ( $U_{imp}$ )      | 12 kV                            |
| Rated Insulation Voltage<br>( $U_i$ )                 | 1000 V                           |
| Rated Operational Voltage                             | Main Circuit 200 ... 240 V AC    |
| Rated Frequency (f)                                   | Main Circuit 50-60 Hz            |
| Rated Short-time<br>Withstand Current ( $I_{cw}$ )    | for 0.3 s 18 kiloampere rms      |
| Pollution Degree                                      | 3                                |
| Handle Type                                           | Direct mounted handle            |
| Position of Line Terminals                            | Supplies on Top - Load on Bottom |
| Standards                                             | IEC60947-6-1                     |
| Controller Type                                       | Level 2 (DIP)                    |
| Special Functions                                     | Open style                       |
| Number of Poles                                       | 2                                |
| Degree of Protection                                  | Front IP20                       |
| Terminal Type                                         | Bolt                             |
| Transition Type                                       | Delayed                          |

## Certificates and Declarations (Document Number)

|                                   |                 |
|-----------------------------------|-----------------|
| Declaration of Conformity<br>- CE | 1SCC303062D2701 |
| Instructions and Manuals          | 1SCC303011M0201 |

## Container Information

|                       |             |
|-----------------------|-------------|
| Package Level 1 Units | box 1 piece |
|-----------------------|-------------|

|                                |                      |
|--------------------------------|----------------------|
| Package Level 1 Width          | 345 mm<br>13.58 in   |
| Package Level 1 Depth / Length | 445 mm<br>17.52 in   |
| Package Level 1 Height         | 240 mm<br>9.45 in    |
| Package Level 1 Gross Weight   | 17.61 kg<br>38.82 lb |
| Package Level 1 EAN            | 6417019812816        |

Classifications

|               |                                                            |
|---------------|------------------------------------------------------------|
| ETIM 6        | EC000216 - Switch disconnecter                             |
| ETIM 7        | EC000216 - Switch disconnecter                             |
| WEEE Category | 5. Small Equipment (No External Dimension More Than 50 cm) |

Categories

Low Voltage Products and Systems → Switches → Change-over and Transfer Switches → Automatic Transfer Switches TruONE

