

## PRODUCT-DETAILS

# OXB500E3S4QT

# OXB500E3S4QT AUTOMATIC TRANSFER SWITCH



## General Information

|                       |                                        |
|-----------------------|----------------------------------------|
| Extended Product Type | OXB500E3S4QT                           |
| Product ID            | 1SCA151743R1001                        |
| EAN                   | 6417019822648                          |
| Catalog Description   | OXB500E3S4QT AUTOMATIC TRANSFER SWITCH |

|                  |                                                                                                                                                                                           |
|------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Long Description | 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.                                                        |
|                  | 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. |
|                  | Its predictive maintenance and modular components reduce downtime and service costs.                                                                                                      |
|                  | And its advanced connectivity is ready for the future.                                                                                                                                    |
|                  | Every TruONE features a wide voltage range from 200 to 480 VAC (with +/-20% tolerance), reducing the need to stock multiple SKUs, reducing inventory and saving space in the warehouse.   |
|                  | Main characteristics of this particular TruONE type:                                                                                                                                      |
|                  | Open style ATS, delayed transition type I-O-II operation, Level 4 controller (Touch)                                                                                                      |

## 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_3S4_T_.stp<br>1SCC308267F0001<br>1SCC308266F0001<br>1SCC308265F0001<br>1SCC308264F0001<br>1SCC308333F0001<br>1SCC308332F0001 |
| Wiring Diagram                    | Circuit diagram_OXB_T_.dxf<br>Circuit diagram_OXB_T_.pdf                                                                                 |

## Dimensions

|                            |                      |
|----------------------------|----------------------|
| Product Net Width          | 512 mm<br>20.16 in   |
| Product Net Height         | 313 mm<br>12.32 in   |
| Product Net Depth / Length | 212 mm<br>8.35 in    |
| Product Net Weight         | 21.63 kg<br>47.69 lb |

## Technical

|                                                    |                                  |
|----------------------------------------------------|----------------------------------|
| Rated Operational Current AC-31B ( $I_e$ )         | (200 ... 415 V AC) 500 A         |
| Conventional Free-air Thermal Current ( $I_{th}$ ) | q = 40 °C 500 A                  |
| Rated Impulse Withstand Voltage ( $U_{imp}$ )      | 12 kV                            |
| Rated Insulation Voltage ( $U_i$ )                 | 1000 V                           |
| Rated Operational Voltage                          | Main Circuit 200 ... 480 V AC    |
| Rated Frequency (f)                                | Main Circuit 50-60 Hz            |
| Rated Short-time Withstand Current ( $I_{cw}$ )    | for 0.1 s 42 kiloampere rms      |
| Pollution Degree                                   | 3                                |
| Handle Type                                        | Direct mounted handle            |
| Fourth Pole Position                               | Left and Right Side              |
| Fourth Pole Type                                   | Switched - Simultaneous Function |
| Position of Line Terminals                         | Supplies on Top - Load on Bottom |
| Standards                                          | IEC60947-6-1                     |
| Controller Type                                    | Level 4 (Touch)                  |
| Special Functions                                  | Open style                       |
| Number of Poles                                    | 4                                |
| 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 /<br>Length | 565 mm<br>22.24 in   |
| Package Level 1 Height            | 240 mm<br>9.45 in    |
| Package Level 1 Gross<br>Weight   | 22.43 kg<br>49.45 lb |
| Package Level 1 EAN               | 6417019822648        |

Classifications

|               |                                                             |
|---------------|-------------------------------------------------------------|
| ETIM 6        | EC000216 - Switch disconnecter                              |
| ETIM 7        | EC000216 - Switch disconnecter                              |
| WEEE Category | 4. Large Equipment (Any External Dimension More Than 50 cm) |

Categories

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

