

PRODUCT-DETAILS

# OXB500E3S2QT

## OXB500E3S2QT AUTOMATIC TRANSFER SWITCH



### General Information

Extended Product Type	OXB500E3S2QT
Product ID	1SCA151026R1001
EAN	6417019812830
Catalog Description	OXB500E3S2QT AUTOMATIC TRANSFER SWITCH

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 2 controller (DIP)

### Circular Value

Conflict Minerals Reporting Template (CMRT)	9AKK108467A5658
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REACH Declaration	1SCC011022D0201
RoHS Information	1SCC011023D0201
Toxic Substances Control Act - TSCA	1SCC303119D0201

## 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_FW2.0 1SCC303011M0201_FW2.01
Mechanical Drawings	OX_500-800E_3S2_T_.stp 1SCC308267F0001 1SCC308266F0001 1SCC308265F0001 1SCC308264F0001 1SCC308329F0001 1SCC308328F0001
Wiring Diagram	Circuit diagram_OXB_T_.dxf Circuit diagram_OXB_T_.pdf

## Dimensions

Product Net Width	512 mm 20.16 in
Product Net Height	313 mm 12.32 in
Product Net Depth / Length	212 mm 8.35 in
Product Net Weight	21.43 kg 47.25 lb

## Technical

Rated Operational Current AC-31B ( $I_e$ )	(200 ... 415 V AC) 500 A
Conventional Free-air Thermal Current ( $I_{th}$ )	$\Theta = 40\text{ °C}$ 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 Low	for 0.1 s 42 kiloampere rms

Voltage (I <sub>cw</sub> )	
Power Loss	at Rated Operating Conditions per Pole 17.2 W
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 2 (DIP)
Special Functions	Open style
Number of Poles	4
Degree of Protection	Front IP20
Terminal Type	Bolt
Transition Type	Delayed

### Environmental

RoHS Status	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
Toxic Substances Control Act - TSCA	1SCC303119D0201

### Certificates and Declarations

Declaration of Conformity - CE	1SCC303062D2701
REACH Declaration	1SCC011022D0201

### Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	345 mm 13.58 in
Package Level 1 Depth / Length	565 mm 22.24 in
Package Level 1 Height	240 mm 9.45 in
Package Level 1 Gross Weight	22.23 kg 49.01 lb
Package Level 1 EAN	6417019812830

### Classifications

ETIM 7	EC000216 - Switch disconnecter
ETIM 8	EC000216 - Switch disconnecter
ETIM 9	EC000216 - Switch disconnecter (low voltage)
eClass	V11.1 : 27371403
WEEE Category	4. Large Equipment (Any External Dimension More Than 50 cm)

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## Categories

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

