



PRODUCT-DETAILS

OXB500E3S2QB

OXB500E3S2QB AUTOMATIC TRANSFER SWITCH



General Information

Extended Product Type	OXB500E3S2QB
Product ID	1SCA151025R1001
EAN	6417019812823
Catalog Description	OXB500E3S2QB 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 2 controller (DIP)

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_3S2_B_.stp 1SCC308263F0001 1SCC308262F0001 1SCC308179F0001 1SCC308178F0001 1SCC308329F0001 1SCC308328F0001
Wiring Diagram	Circuit diagram_OXB_B_.dxf Circuit diagram_OXB_B_.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	21.4 kg 47.18 lb

Technical

Rated Operational Current AC-31B (I_g)	(200 ... 415 V AC) 500 A
Rated Operational Current AC-32B (I_g)	(200 ... 415 V AC) 500 A
Rated Operational Current AC-33B (I_g)	(200 ... 415 V AC) 500 A
Conventional Free-air Thermal Current (I_{th})	$q = 40^\circ\text{C}$ 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 (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 Bottom - Load on Top
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

Certificates and Declarations (Document Number)

Declaration of Conformity	1SCC303062D2701
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Instructions and Manuals	1SCC303011M0201
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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	22.2 kg 48.94 lb
Package Level 1 EAN	6417019812823

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

