



PRODUCT-DETAILS

OXB800E3S2QB

OXB800E3S2QB AUTOMATIC TRANSFER SWITCH



General Information	
Extended Product Type	OXB800E3S2QB
Product ID	1SCA150934R1001
EAN	6417019811703
Catalog Description	OXB800E3S2QB 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)

ABB EcoSolutions

ABB EcoSolutions	Yes
ABB Site Meeting Group Waste To Landfill Target	UL 2799 Zero Waste To Landfill Validation available
End Of Life Disassembling Instructions	1SCC303064M0201
Environmental Product Declaration - EPD	1SCC303131D0201
Recyclability Rate of the Product acc. to EN45555	Design for Closing Resource Loops - Standard EN45555 - 70.2 %

Material Compliance

Conflict Minerals Reporting Template (CMRT)	9AKK108467A5658
REACH Declaration	1SCC011022D0201
RoHS Declaration	1SCC011023D0201
RoHS Information	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
Toxic Substances Control Act - TSCA	1SCC303119D0201

Popular Downloads

Data Sheet, Technical Information	1SCC303008C0201
Instructions and Manuals	1SCC303011M0201_FW2.04
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
Environmental Product Declaration - EPD	1SCC303131D0201

Environmental

Degree of Protection	Front IP20
Pollution Degree	3

Ordering

Minimum Order Quantity	1 piece
Customs Tariff Number	85365080

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

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	6417019811703

Technical

Controller Type	Level 2 (DIP)
Conventional Free-air Thermal Current (I_{th})	$\Theta = 40\text{ }^{\circ}\text{C}$ 800 A
Degree of Protection	Front IP20
Fourth Pole Position	Left and Right Side
Fourth Pole Type	Switched - Simultaneous Function
Handle Type	Direct mounted handle
Number of Poles	4P
Pollution Degree	3
Position of Line Terminals	Supplies on Bottom - Load on Top
Power Loss	at Rated Operating Conditions per Pole 47 W
Rated Frequency (f)	Main Circuit 50-60 Hz
Rated Impulse Withstand Voltage (U_{imp})	12 kV
Rated Insulation Voltage (U_i)	1000 V
Rated Operational Current AC-31B (I_e)	(200 ... 415 V AC) 800 A
Rated Operational Current AC-32B (I_e)	(200 ... 415 V AC) 800 A
Rated Operational Current AC-33B (I_e)	(200 ... 415 V AC) 800 A
Rated Operational Voltage	Main Circuit 200...480 V AC
Rated Short-time Withstand Current Low Voltage (I_{cw})	for 0.1 s 42 kiloampere rms
Special Functions	Open style
Standards	IEC60947-6-1
Terminal Type	Bolt
Transition Type	Delayed

Certificates and Declarations

Declaration of
Conformity - CE

1SCC303062D2701

External Classifications and Standards

ETIM 9	EC000216 - Switch disconnecter (low voltage)
ETIM 10	EC000216 - Switch disconnecter (AC)
eClass	V11.1 : 27371403
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

