



PRODUCT-DETAILS

# OT2500E03C

## OT2500E03C CHANGE-OVER SWITCH



General Information	
Extended Product Type	OT2500E03C
Product ID	1SCA103874R1001
EAN	6417019382203
Catalog Description	OT2500E03C CHANGE-OVER SWITCH
Long Description	2500A, 3 pole manual change-over switch. Handle and shaft has to be ordered separately.

ABB EcoSolutions	
End Of Life Disassembling Instructions	1SCC303054M0201
Environmental Information	1SCC303050D0201

Material Compliance	
Conflict Minerals	9AKK108467A5658

Reporting Template  
(CMRT)

REACH Declaration	1SCC011021D0201
RoHS Information	1SCC011020D0201
RoHS Status	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019

## Popular Downloads

Data Sheet, Technical Information	1SCC303003C0201
Instructions and Manuals	1SCC303008M0208

## Environmental

Degree of Protection	Front IP20
Environmental Information	1SCC303050D0201
Pollution Degree	3

## Ordering

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

## Dimensions

Product Net Width	538 mm 21.18 in
Product Net Height	377 mm 14.84 in
Product Net Depth / Length	335 mm 13.19 in
Product Net Weight	53.585 kg 118.13 lb

## Container Information

Package Level 1 Units	box 1 box
Package Level 1 Width	394 mm 15.51 in
Package Level 1 Depth / Length	584 mm 22.99 in
Package Level 1 Height	385 mm 15.16 in
Package Level 1 Gross Weight	56.385 kg 124.31 lb
Package Level 1 EAN	6417019382203

## Technical

Conventional Free-air Thermal Current ( $I_{th}$ )	$\Theta = 40\text{ }^{\circ}\text{C}$ 2500 A
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Degree of Protection	Front IP20
Distance Between Phases	Standard
Handle Color	Black
Handle Type	Handle and shaft not included
Mounting Type	Base mounting
Number of Poles	3P
Operating Mode	Front operated
Pollution Degree	3
Position of Line Terminals	Top In - Bottom Out, Bottom In - Top Out
Power Loss	at Rated Operating Conditions per Pole 85 W
Rated Impulse Withstand Voltage (U <sub>imp</sub> )	12 kV
Rated Insulation Voltage (U <sub>i</sub> )	1000 V
Rated Operational Current AC-21B (I <sub>e</sub> )	(380 ... 415 V) 2500 A (500 V) 2500 A
Rated Operational Current AC-31B (I <sub>e</sub> )	(380 ... 415 V) 2000 A
Rated Operational Current AC-33B (I <sub>e</sub> )	(380 ... 415 V) 2000 A
Rated Operational Voltage	Main Circuit 1000 V
Rated Short-time Withstand Current Low Voltage (I <sub>cw</sub> )	for 1 s 55 kiloampere rms
Switches Operating Mechanism	Mechanism at the End of the Switch 03 (Left Side)
Terminal Type	Screw Terminals
Terminal Width	100 mm
Tightening Torque	acc. IEC 60947-1 50 ... 75 N·m
Transition Type	Open

### Technical UL/CSA

Ampere Rating	2500 A
Tightening Torque	acc. IEC 60947-1 50 ... 75 N·m

### Certificates and Declarations

Declaration of Conformity - CE	1SCC303022D2702
DNV Certificate	1SCC303138D0201

### External Classifications and Standards

Object Classification Code	Q
ETIM 8	EC000216 - Switch disconnecter
ETIM 9	EC000216 - Switch disconnecter (low voltage)
UNSPSC	39122233
IDEA Granular Category Code (IGCC)	5290 >> Disconnect switch
eClass	V11.1 : 27371403

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## Categories

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Low Voltage Products and Systems → Switches → Change-over and Transfer Switches → Manual Change-over Switches

