



PRODUCT-DETAILS

# OT1600E04CP

## OT1600E04CP CHANGE-OVER SWITCH



General Information	
Extended Product Type	OT1600E04CP
Product ID	1SCA022872R2310
EAN	6417019339054
Catalog Description	OT1600E04CP CHANGE-OVER SWITCH
Long Description	1600A, 4 pole manual change-over switch including a black plastic IP65 I-0-II pistol type handle (see the table below), shaft and bolt set for the cable connection. Handle padlockable in the 0-position, door interlock in the I- and II- positions and when padlocked.

ABB EcoSolutions	
End Of Life Disassembling Instructions	1SCC303053M0201
Environmental Information	1SCC303050D0201
Environmental Product Declaration - EPD	1SCC303094D0201

## Material Compliance

Conflict Minerals Reporting Template (CMRT)	9AKK108467A5658
REACH Declaration	1SCC011021D0201
RoHS Declaration	1SCC011020D0201
RoHS Information	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 Product Declaration - EPD	1SCC303094D0201

## Environmental

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

## Ordering

Minimum Order Quantity	1 piece
Customs Tariff Number	85365080
Country or Territory of Origin	Finland

## Dimensions

Product Net Width	480 mm 18.9 in
Product Net Height	372 mm 14.65 in
Product Net Depth / Length	309 mm 12.17 in
Product Net Weight	48 kg 105.82 lb

## Container Information

Package Level 1 Units	box 1 box
Package Level 1 Width	480 mm 18.9 in
Package Level 1 Depth / Length	580 mm 22.83 in
Package Level 1 Height	420 mm 16.54 in
Package Level 1 Gross Weight	50 kg 110.23 lb
Package Level 1 EAN	6417019339054

## Technical

Conventional Free-air Thermal Current ( $I_{th}$ )	$\Theta = 40\text{ °C}$ 1600 A
Degree of Protection	Front IP20
Distance Between Phases	Standard
Fourth Pole Position	Right Side
Fourth Pole Type	Switched - Simultaneous Function
Handle Color	Black
Handle Type	Handle and shaft included
Mounting Type	Base mounting
Number of Poles	4P
Operating Mode	Front
Pollution Degree	3
Position of Line Terminals	Top In - Bottom Out, Bottom In - Top Out
Power Loss	at Rated Operating Conditions per Pole 48 W
Rated Impulse Withstand Voltage ( $U_{imp}$ )	12 kV
Rated Insulation Voltage ( $U_i$ )	1000 V
Rated Operational Current AC-21A ( $I_e$ )	(380 ... 415 V) 1600 A (500 V) 1600 A (690 V) 1600 A
Rated Operational Current AC-22A ( $I_e$ )	(380 ... 415 V) 1600 A (500 V) 1600 A (690 V) 1600 A
Rated Operational Current AC-23A ( $I_e$ )	(380 ... 415 V) 1600 A (500 V) 1600 A (690 V) 1600 A
Rated Operational Current AC-31B ( $I_e$ )	(380 ... 415 V) 1600 A
Rated Operational Current AC-33B ( $I_e$ )	(380 ... 415 V) 1600 A
Rated Operational Power AC-23A ( $P_e$ )	(380 ... 415 V) 710 kW (500 V) 900 kW (690 V) 1200 kW
Rated Operational Voltage	Main Circuit 1000 V
Rated Short-time Withstand Current Low Voltage ( $I_{cw}$ )	for 1 s 50 kiloampere rms
Switches Operating Mechanism	Mechanism at the End of the Switch 04 (Left Side)
Terminal Type	Screw Terminals
Terminal Width	50 mm
Tightening Torque	acc. IEC 60947-1 50 ... 75 N·m
Transition Type	Open

## Technical UL/CSA

Tightening Torque	acc. IEC 60947-1 50 ... 75 N·m
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## Certificates and Declarations

Declaration of Conformity - CE	1SCC303015D2702
DNV Certificate	1SCC303138D0201

External Classifications and Standards

Object Classification Code	Q
ETIM 9	EC000216 - Switch disconnecter (low voltage)
ETIM 10	EC000216 - Switch disconnecter (AC)
UNSPSC	39122233
eClass	V11.1 : 27371403
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
E-Number (Finland)	3600150

Categories

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

