



PRODUCT-DETAILS

OT1600E03C

OT1600E03C CHANGE-OVER SWITCH



General Information	
Extended Product Type	OT1600E03C
Product ID	1SCA022872R1760
EAN	6417019338996
Catalog Description	OT1600E03C CHANGE-OVER SWITCH
Long Description	1600A, 3 pole manual change-over switch. Handle and shaft has to be ordered separately.

ABB EcoSolutions	
End Of Life Disassembling Instructions	1SCC303053M0201
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	400 mm 15.75 in
Product Net Height	372 mm 14.65 in
Product Net Depth / Length	309 mm 12.17 in
Product Net Weight	37.37 kg 82.39 lb

Container Information

Package Level 1 Units	box 1 box
Package Level 1 Width	394 mm 15.51 in
Package Level 1 Depth / Length	534 mm 21.02 in
Package Level 1 Height	368 mm 14.49 in
Package Level 1 Gross Weight	39.62 kg 87.35 lb
Package Level 1 EAN	6417019338996

Technical

Conventional Free-air Thermal Current (I _{th})	Θ = 40 °C 1600 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 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 03 (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

Ampere Rating	1600 A
Tightening Torque	acc. IEC 60947-1 50 ... 75 N·m

Certificates and Declarations

Declaration of Conformity - CE	1SCC303015D2702
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
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)	

Categories

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

