



PRODUCT-DETAILS

OT160E04CP

OT160E04CP CHANGE-OVER SWITCH



General Information	
Extended Product Type	OT160E04CP
Product ID	1SCA022775R9440
EAN	6417019252551
Catalog Description	OT160E04CP CHANGE-OVER SWITCH
Long Description	160A, 4 pole manual change-over switch including a black plastic IP65 I-O-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	1SCC303050M0201
Environmental Information	1SCC303050D0201
Environmental Product Declaration - EPD	1SCC303082D0201

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
SCIP	ef556fd6-d19c-413f-9e9e-d3c9254c1212 Finland
Simplified SCIP	324a34e6-d92d-4659-a6c8-7f25a4f8202b Germany 7c18e3c7-d4ec-4daf-8638-780bbf725e49 Poland 79c4eb22-50d4-41d7-b6fd-bcff65221f82 France 4d6acfff-dd17-4d78-91eb-c4efa115ccbb Italy 80a8fc45-5222-4a61-b2bb-cd8ada25cd84 Hungary 3fb9d9d1-b0ec-48a0-b098-940168200189 Portugal 875993c2-42d9-40c9-8cdd-7006fcb6b022 Denmark 20dca2da-2029-44e5-bc86-a6a6d2955a4c Netherlands f1d6782a-92e7-413e-9486-5ed4054328d2 Croatia f0df47b8-615f-451e-8563-b1c5b1fd5c02 Sweden 350d11eb-0249-452b-9052-f77d05c23e55 Belgium f6a04649-2730-4919-84da-c107d80945be Germany 2a72d88d-2b17-43f0-8a3c-603368363d33 France 95051c22-70dd-4564-a5f9-22998b562a26 Spain 34bb405e-7eda-448a-9a24-f11b0ca1dba3 Greece c83908be-bffc-402d-9cec-d1d90f8d72dd Bulgaria 9a289f65-5d22-4279-9c5a-d081354c7cd6 Germany 57761068-7ebf-4acc-a6aa-7f2c079edf4c Hungary ee15fe22-2944-4a25-af0e-16a5faa4c162 Germany e170c76c-8bdd-4cfc-a218-eb1f693dc8a9 Poland f2aa8062-9e30-4c1c-96ea-d1dd0635ce41 Estonia 35b6d0d9-9b97-4594-b3ef-fb99b3e020d2 Czech Republic d6f0b348-e327-4b1f-9520-875b77c7557a Poland 82455908-5079-42f3-82f5-8ca070c43ef8 Germany 16a10f02-3901-4446-8cad-5d694b132d89 Norway f4c000b0-fdd4-432b-bea1-c3033ad8b8e0 Belgium 0f58dfe3-0f6c-4a7a-8ca8-b63776cb2f88 Sweden

Popular Downloads	
Data Sheet, Technical Information	1SCC303003C0201
Instructions and Manuals	1SCC303008M0208
Environmental Product Declaration - EPD	1SCC303082D0201

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	205 mm 8.07 in
Product Net Height	150 mm 5.91 in
Product Net Depth / Length	160 mm 6.3 in
Product Net Weight	3.3 kg 7.28 lb

Container Information

Package Level 1 Units	box 1 box
Package Level 1 Width	160 mm 6.3 in
Package Level 1 Depth / Length	270 mm 10.63 in
Package Level 1 Height	185 mm 7.28 in
Package Level 1 Gross Weight	4.05 kg 8.93 lb
Package Level 1 EAN	6417019252551

Technical

Conventional Free-air Thermal Current (I_{th})	$\Theta = 40\text{ °C}$ 160 A
Conventional Thermal Current (I_{the})	Fully Enclosed 160 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 2.4 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) 160 A (500 V) 160 A (690 V) 160 A
Rated Operational Current AC-22A (I_e)	(380 ... 415 V) 160 A (500 V) 160 A (690 V) 160 A
Rated Operational Current AC-23A (I_e)	(380 ... 415 V) 160 A (500 V) 160 A (690 V) 160 A

Rated Operational Current AC-31B (I_e)	(380 ... 415 V) 160 A
Rated Operational Current AC-33B (I_e)	(380 ... 415 V) 160 A
Rated Operational Power AC-23A (P_e)	(380 ... 415 V) 90 kW (500 V) 110 kW (690 V) 160 kW
Rated Operational Voltage	Main Circuit 1000 V
Rated Short-time Withstand Current Low Voltage (I_{cw})	for 1 s 8 kiloampere rms
Switches Operating Mechanism	Mechanism at the End of the Switch 04 (Left Side)
Terminal Type	Screw Terminals
Terminal Width	20 mm
Tightening Torque	acc. IEC 60947-1 15 ... 22 N·m
Transition Type	Open

Technical UL/CSA

Tightening Torque	acc. IEC 60947-1 15 ... 22 N·m
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Certificates and Declarations

Declaration of Conformity - CE	1SCC303001D2704
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)	3641526
E-Number (Norway)	4337000

Categories

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



Submitted by TECO Group