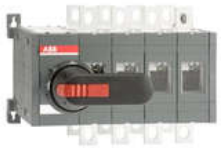
PRODUCT-DETAILS

OT400E04CFP

OT400E04CFP CHANGE-OVER SWITCH



General Information

Extended Product Type	OT400E04CFP
Product ID	1SCA108650R1001
EAN	6417019401959
Catalog Description	OT400E04CFP CHANGE-OVER SWITCH
Long Description	400, 4 pole fast transition manual change-over switch. Operating angle 90° to achieve fast switching. Minimum OFF-time between transfer from I-II or II-I is 20 ms. Including a black plastic IP65 I-0-II pistol type handle (see the table below), shaft and bolt set for the cable connection. Handle not padlockable and no door interlocking.

ABB EcoSolutions

End of Life Instructions	1SCC303051M0201
Environmental Information	1SCC303050D0201

Material Compliance

Conflict Minerals	9AKK108467A5658

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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
End of Life Instructions	1SCC303051M0201

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	265 mm 10.43 in
Product Net Height	185 mm 7.28 in
Product Net Depth / Length	203 mm 7.99 in
Product Net Weight	7.56 kg 16.67 lb

Container Information

Package Level 1 Units	box 1 box
Package Level 1 Width	240 mm 9.45 in
Package Level 1 Depth / Length	325 mm 12.8 in
Package Level 1 Height	218 mm 8.58 in
Package Level 1 Gross Weight	8 kg 17.76 lb
Package Level 1 EAN	6417019401959

Technical

Conventional Free-air	Θ = 40 °C 400 A

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Thermal Current (I_{th})	
Conventional Thermal Current (I_{the})	Fully Enclosed 400 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 operated
Pollution Degree	3
Position of Line Terminals	Top In - Bottom Out, Bottom In - Top Out
Power Loss	at Rated Operating Conditions per Pole 10 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) 400 A (500 V) 400 A (690 V) 400 A
Rated Operational Current AC-22A (I_e)	(380 ... 415 V) 400 A (500 V) 400 A (690 V) 400 A
Rated Operational Current AC-23A (I_e)	(380 ... 415 V) 400 A (500 V) 400 A (690 V) 400 A
Rated Operational Current AC-31B (I_e)	(380 ... 415 V) 400 A
Rated Operational Current AC-33B (I_e)	(380 ... 415 V) 400 A
Rated Operational Power AC-23A (P_e)	(380 ... 415 V) 220 kW (500 V) 280 kW (690 V) 400 kW
Rated Operational Voltage	Main Circuit 1000 V
Rated Short-time Withstand Current Low Voltage (I_{cw})	for 1 s 15 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 30 ... 44 N·m
Transition Type	Fast

Technical UL/CSA

Ampere Rating	400 A
Tightening Torque	acc. IEC 60947-1 30 ... 44 N·m

Certificates and Declarations

Declaration of	1SCC303004D2703

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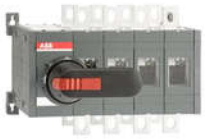
Conformity - CE	
DNV Certificate	1SCC303138D0201

Classifications

Object Classification Code	Q
ETIM 8	EC000216 - Switch disconnector
ETIM 9	EC000216 - Switch disconnector (low voltage)
eClass	V11.1 : 27371403
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
E-Number (Finland)	3641682

Categories

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



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