



PRODUCT-DETAILS

OT800U04C

OT800U04C CHANGE-OVER SWITCH



General Information	
Extended Product Type	OT800U04C
Product ID	1SCA104034R1001
EAN	6417019383750
Catalog Description	OT800U04C CHANGE-OVER SWITCH
Long Description	800A, 4 pole manual change-over switch. Handle and shaft has to be ordered separately. UL version.

ABB EcoSolutions	
Environmental Information	1SCC303050D0201

Material Compliance	
Conflict Minerals Reporting Template (CMRT)	9AKK108467A5658
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	480 mm 18.9 in
Product Net Height	376 mm 14.8 in
Product Net Depth / Length	335 mm 13.19 in
Product Net Weight	47.7 kg 105.16 lb

Container Information

Package Level 1 Units	1 piece
Package Level 1 Width	394 mm 15.51 in
Package Level 1 Depth / Length	560 mm 22.05 in
Package Level 1 Height	368 mm 14.49 in
Package Level 1 Gross Weight	50.14 kg 110.54 lb
Package Level 1 EAN	6417019383750

Technical

Conventional Free-air Thermal Current (I_{th})	$\Theta = 40\text{ }^{\circ}\text{C}$ 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 not included
Mechanical Durability	3000 cycle
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 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) 1000 A
Rated Operational Voltage	Main Circuit 1000 V
Rated Short-time Withstand Current Low Voltage (I_{cw})	for 1 s 50 kiloampere rms
Standards	UL 98 / IEC60947-6-1
Switches Operating Mechanism	Mechanism at the End of the Switch 04 (Left Side)
Terminal Type	Screw Terminals
Tightening Torque	acc. IEC 60947-1 50 ... 75 N·m
Transition Type	Open

Technical UL/CSA

Ampere Rating	800 A
Horsepower Rating UL/CSA	(acc. to UL 240 V) 250 Hp (acc. to UL 480 V) 500 Hp (acc. to UL 600 V) 500 Hp
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 disconnect
ETIM 9	EC000216 - Switch disconnect (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

