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PRODUCT-DETAILS

OTM1600E4CM230C OTM1600E4CM230C MOTORIZED C/O SWITCH



General Information

Extended Product Type OTM1600E4CM230C

Product ID 1SCA112704R1001

EAN 6417019453965

Catalog Description OTM1600E4CM230C MOTORIZED C/O SWITCH

Including a handle for manual operation, bolt kit with nut and washers for all terminals and male connectors for control circuits. Include a storage clip for the handle and spare fuses.

ABB EcoSolutions	
End Of Life Disassembling Instructions	1SCC303060M0201
Environmental Information	1SCC303036D0202
Environmental Product Declaration - EPD	1SCC303103D0201

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Reporting Template (CMRT) REACH Declaration 1SCC011021001 ROHS Declaration 1SCC011021001 ROHS Declaration Following EU Directive 2011/85/EU and Amendment 2015/863 July 22, 2 Popular Downloads Data Sheet, Technical 1SCC303003C01 Information 1SCC303003C01 Information 1SCC303002M02 Environmental Product 1SCC303103002 Environmental Product 1SCC303103002 Environmental 1SCC303103002 Environmental 1SCC303103002 Environmental 1SCC303103002 Ordering Minimum Order Quantity 1pi Customs Tariff Number 883855 Country or Territory of Origin Finis Origin Product Net Width 387 Product Net Width 372 Product Net Height 1465 Product Net Height 1466 Product Net Weight 69 Container Information Container Information Container Information Container Information Package Level 1 Units box 11 Package Level 1 Units 580 n Package Level 1 Units 690	Material Compliance	
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Length Package Level 1 Height Package Level 1 Gross Weight	Package Level 1 Width	580 mm
Package Level 1 Gross 69 Weight	Length	780 mm
Weight		500 mm
Package Level 1 EAN 64170194539		69 kg
	Package Level 1 EAN	6417019453965

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Technical	
Conventional Free-air	Θ = 40 °C 1600 A
Thermal Current (Ith)	
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	Direct mounted handle
Motor Operational Voltage	220 240 V AC
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) 1000 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
Terminal Type	Screw Terminals
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

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Declaration of 1SCC303027D2702
Conformity - CE

External Classifications and Standards	
Object Classification Code	Q
ETIM 9	EC000216 - Switch disconnector (low voltage)
ETIM 10	EC000216 - Switch disconnector (AC)
UNSPSC	39122233
eClass	V11.1:27371403
WEEE Category	4. Large Equipment (Any External Dimension More Than 50 cm)
E-Number (Finland)	3641792

Categories

 $Low\ Voltage\ Products\ and\ Systems \rightarrow Switches \rightarrow Change-over\ and\ Transfer\ Switches \rightarrow Motorized\ Change-over\ Switches$

