



PRODUCT-DETAILS

OTM100F4CMA230V

OTM100F4CMA230V MOTORIZED C/O SWITCH



General Information	
Extended Product Type:	OTM100F4CMA230V
Product ID:	1SCA120098R1001
EAN:	6417019516875
Catalog Description:	OTM100F4CMA230V MOTORIZED C/O SWITCH
Long Description:	Including a handle for manual operation, bolt kit with nut and washers for all terminals and male connectors for control circuits. Types OTM630...2500E_ include a storage clip for the handle and spare fuses.
Display Name:	OTM100F4CMA230V

ABB EcoSolutions	
End Of Life Disassembling Instructions:	1SCC303056M0201
Environmental Product Declaration - EPD:	1SCC303135D0201

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

Popular Downloads

Data Sheet, Technical Information:	1SCC303003C0201
Instructions and Manuals:	1SCC303009M0206

Environmental

Degree of Protection:	Front IP20
Pollution Degree:	3

Ordering

Minimum Order Quantity:	1 piece
Customs Tariff Number:	85365080
Country of Origin:	Finland

Dimensions

Product Net Width:	283 mm 11.14 in
Product Net Height:	100 mm 3.94 in
Product Net Depth / Length:	116 mm 4.57 in
Product Net Weight:	1.86 kg 4.1 lb

Container Information

Package Level 1 Units:	box 1 box
Package Level 1 Width:	115 mm
Package Level 1 Depth / Length:	315 mm
Package Level 1 Height:	115 mm
Package Level 1 Gross Weight:	1.86 kg
Package Level 1 EAN:	6417019516875

Technical

Cable Cross-Section:	10 ... 70 mm ²
Conventional Free-air Thermal Current (I_{th}):	Θ = 40 °C 115 A
Conventional Thermal Current (I_{the}):	Fully Enclosed 115 A
Distance Between Phases:	Standard
Fourth Pole Position:	Right Side
Fourth Pole Type:	Switched - Simultaneous Function
Handle Color:	Black
Handle Type:	Direct Mount
Motor Operational Voltage:	110 ... 240 V AC/DC
Mounting Type:	Base mounting
Number of Poles:	4P
Operating Mode:	Front
Position of Line Terminals:	Top In - Bottom Out, Bottom In - Top Out
Power Loss:	at Rated Operating Conditions per Pole 4 W
Rated Impulse Withstand Voltage (U_{imp}):	8 kV
Rated Insulation Voltage (U_i):	800 V
Rated Operational Current AC-21A (I_e):	(380 ... 415 V) 100 A (500 V) 100 A (690 V) 100 A
Rated Operational Current AC-22A (I_e):	(380 ... 415 V) 100 A (500 V) 100 A (690 V) 100 A
Rated Operational Current AC-23A (I_e):	(380 ... 415 V) 80 A (500 V) 60 A (690 V) 40 A
Rated Operational Current AC-31B (I_e):	(380 ... 415 V) 100 A
Rated Operational Current AC-33B (I_e):	(380 ... 415 V) 80 A
Rated Operational Power AC-23A (P_e):	(380 ... 415 V) 37 kW (500 V) 37 kW (690 V) 37 kW
Rated Operational Voltage:	Main Circuit 800 V
Rated Short-time Withstand Current Low Voltage (I_{cw}):	for 1 s 2.5 kiloampere rms
Switches Operating Mechanism:	Mechanism at the End of the Switch
Terminal Type:	Screw Terminals
Tightening Torque:	acc. IEC 60947-1 6 N·m
Transition Type:	Open

Certificates and Declarations

Declaration of Conformity - CE:	1SCC303039D2702
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External Classifications and Standards

Object Classification Code:	Q
ETIM 9:	EC000216 - Switch disconnecter (low voltage)
ETIM 10:	EC000216 - Switch disconnecter (AC)
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)
E-Number (Finland):	3601237

Categories

Products > Low Voltage Products and Systems > Switches > Change-over and Transfer Switches > Motorized Change-over Switches

