



PRODUCT-DETAILS

# OTM125F4CMA230V

## OTM125F4CMA230V MOTORIZED C/O SWITCH



General Information	
Extended Product Type	OTM125F4CMA230V
Product ID	1SCA120097R1001
EAN	6417019516868
Catalog Description	OTM125F4CMA230V 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.

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 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	1SCC303009M0206
Environmental Product Declaration - EPD	1SCC303135D0201

Environmental

Degree of Protection	Front IP20
Pollution Degree	3

Ordering

Minimum Order Quantity	1 piece
Customs Tariff Number	85365080
Country of Origin	Finland (FI)

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	6417019516868

Technical

Cable Cross-Section	10 ... 70 mm²
Conventional Free-air Thermal Current (I <sub>th</sub> )	Θ = 40 °C 125 A

Conventional Thermal Current ( $I_{the}$ )	Fully Enclosed 125 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	Direct mounted handle
Motor Operational Voltage	110 ... 240 V AC/DC
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 6.3 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) 125 A (500 V) 125 A (690 V) 125 A
Rated Operational Current AC-22A ( $I_e$ )	(380 ... 415 V) 125 A (500 V) 125 A (690 V) 125 A
Rated Operational Current AC-23A ( $I_e$ )	(380 ... 415 V) 90 A (500 V) 70 A (690 V) 50 A
Rated Operational Current AC-31B ( $I_e$ )	(380 ... 415 V) 125 A
Rated Operational Current AC-33B ( $I_e$ )	(380 ... 415 V) 80 A
Rated Operational Power AC-23A ( $P_e$ )	(380 ... 415 V) 45 kW (500 V) 45 kW (690 V) 45 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

## Technical UL/CSA

Tightening Torque	acc. IEC 60947-1 6 N·m
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## Certificates and Declarations

Declaration of Conformity - CE	1SCC303039D2702
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External Classifications and Standards		
Object Classification Code		Q
ETIM 8	EC000216 - Switch disconnecter	
ETIM 9	EC000216 - Switch disconnecter (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)	
E-Number (Finland)		3601239

## Categories

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

