



PRODUCT-DETAILS

OTM1600E3CM110V

OTM1600E3CM110V MOTORIZED C/O SWITCH



General Information	
Extended Product Type	OTM1600E3CM110V
Product ID	1SCA113654R1001
EAN	6417019462523
Catalog Description	OTM1600E3CM110V 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. 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

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	1SCC303002M0204
Environmental Product Declaration - EPD	1SCC303103D0201

Environmental

Degree of Protection	Front IP20
Environmental Information	1SCC303036D0202
Pollution Degree	3

Ordering

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

Dimensions

Product Net Width	507 mm 19.96 in
Product Net Height	372 mm 14.65 in
Product Net Depth / Length	372 mm 14.65 in
Product Net Weight	59 kg 130.07 lb

Container Information

Package Level 1 Units	box 1 box
Package Level 1 Width	440 mm
Package Level 1 Depth / Length	700 mm
Package Level 1 Height	565 mm
Package Level 1 Gross Weight	59 kg
Package Level 1 EAN	6417019462523

Technical

Conventional Free-air Thermal Current (I_{th})	$\Theta = 40\text{ °C}$ 1600 A
Degree of Protection	Front IP20
Distance Between Phases	Standard
Handle Color	Black
Handle Type	Direct mounted handle
Motor Operational Voltage	110 ... 125 V AC/DC
Mounting Type	Base mounting
Number of Poles	3P
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 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

Declaration of Conformity - CE	1SCC303037D2702
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External Classifications and Standards

Object Classification Code	Q
ETIM 8	EC000216 - Switch disconnector
ETIM 9	EC000216 - Switch disconnector (low voltage)
UNSPSC	39122214
IDEA Granular Category Code (IGCC)	5208 >> Controller switch
eClass	V11.1 : 27371403
WEEE Category	4. Large Equipment (Any External Dimension More Than 50 cm)
E-Number (Finland)	3641789

Categories

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

