



PRODUCT-DETAILS

OTM160E3CM24D

OTM160E3CM24D MOTORIZED C/O SWITCH



General Information	
Extended Product Type	OTM160E3CM24D
Product ID	1SCA022845R8110
EAN	6417019296494
Catalog Description	OTM160E3CM24D MOTORIZED C/O SWITCH
Long Description	OTM160E3CM24D MOTORIZED C/O SWITCH, Direct mounted handle, Open transition

ABB EcoSolutions	
End Of Life Disassembling Instructions	1SCC303057M0201
Environmental Information	1SCC303036D0202
Environmental Product Declaration - EPD	1SCC303095D0201

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	1SCC303002M0206
Environmental Product Declaration - EPD	1SCC303095D0201

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	273 mm 10.75 in
Product Net Height	150 mm 5.91 in
Product Net Depth / Length	197 mm 7.76 in
Product Net Weight	5.6 kg 12.35 lb

Container Information

Package Level 1 Units	box 1 box
Package Level 1 Width	212 mm
Package Level 1 Depth / Length	389 mm
Package Level 1 Height	219 mm
Package Level 1 Gross Weight	6.9 kg
Package Level 1 EAN	6417019296494

Technical

Conventional Free-air	Θ = 40 °C 160 A
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Thermal Current (I_{th})	
Conventional Thermal Current (I_{the})	Fully Enclosed 160 A
Degree of Protection	Front IP20
Distance Between Phases	Standard
Handle Color	Black
Handle Type	Direct mounted handle
Motor Operational Voltage	24 V 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 2.4 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) 160 A (500 V) 160 A (690 V) 160 A
Rated Operational Current AC-22A (I_e)	(380 ... 415 V) 160 A (500 V) 160 A (690 V) 160 A
Rated Operational Current AC-23A (I_e)	(380 ... 415 V) 160 A (500 V) 160 A (690 V) 160 A
Rated Operational Current AC-31B (I_e)	(380 ... 415 V) 160 A
Rated Operational Current AC-33B (I_e)	(380 ... 415 V) 160 A
Rated Operational Power AC-23A (P_e)	(380 ... 415 V) 90 kW (500 V) 110 kW (690 V) 160 kW
Rated Operational Voltage	Main Circuit 1000 V
Rated Short-time Withstand Current Low Voltage (I_{cw})	for 1 s 8 kiloampere rms
Switches Operating Mechanism	Mechanism at the End of the Switch
Terminal Type	Screw Terminals
Tightening Torque	acc. IEC 60947-1 15 ... 22 N·m
Transition Type	Open

Technical UL/CSA

Tightening Torque	acc. IEC 60947-1 15 ... 22 N·m
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Certificates and Declarations

Declaration of Conformity - CE	1SCC303031D2702
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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)		3641698

Categories

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

