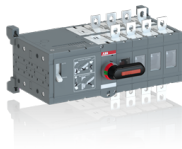




PRODUCT-DETAILS

OTM160E4CM230C

OTM160E4CM230C MOTORIZED C/O SWITCH



General Information	
Extended Product Type:	OTM160E4CM230C
Product ID:	1SCA022848R1510
EAN:	6417019298696
Catalog Description:	OTM160E4CM230C MOTORIZED C/O SWITCH
Long Description:	OTM160E4CM230C MOTORIZED C/O SWITCH, Direct mounted handle, Open transition
Display Name:	OTM160E4CM230C

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 Declaration:	1SCC011020D0201
RoHS Information:	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
SCIP:	371db707-e24a-4491-8568-682855dcc1f7 Finland
Simplified SCIP:	91113bfc-6753-4c55-9eb8-d67b051cc4bf Greece 7fda6a0e-3cdc-458b-bdaf-89490580ad38 Portugal 379f60e6-c79b-4928-bfff-9c4958f1c7ce Estonia c59ef1d0-5280-409f-886f-24c8c05dd499 Hungary 6ae06b60-1e4d-44b7-81ea-7ecf325aa298 Germany 3fc13f60-ebab-4f2d-a7ef-49371689fa45 Netherlands 98110e8e-abee-4889-b372-e33c3a72ab40 Belgium 1b75b51e-d44d-4211-a64e-fa4667285459 Hungary 4c04aba7-48b2-4db1-bb4c-54d9adcc25b9 Romania 2d4fe824-45fe-4f1e-a823-b0f5309a6b38 Spain babec4ce-3573-43b2-a1cf-ad94dec3d3a3 Germany 8143c72c-9946-4fe6-9f0f-fb256e289740 France b653fcbb-4f08-4540-b81c-5314b40261a2 Sweden 938a90d5-a534-4c03-b4ac-9be88a361719 Norway 348c4951-8b8a-48c5-b431-051c00d372af Denmark 8e5732c2-25f6-4977-aace-82bf14dc2dd9 Germany 5dd2de13-1453-4215-8f99-dda68e6a9e48 Germany 262d061e-63d3-4b30-8f85-8563ff917448 Belgium 021fdd2b-d25c-4180-922a-643cff086b79 Italy 10ba8cb2-22df-4852-bb87-8346672d7330 France 2fdd2fb2-532c-4517-a7cc-92370ac4eeb9 Poland a97a0c51-88c2-4677-adc2-c78f9b3c9349 Poland 7b07e0d4-ff11-4c33-b519-0e88b1b47c56 Germany ed6718ce-8a0a-4b7c-b503-a018c35cec31 Croatia 44143d7a-fbd3-46e9-8105-1f18758db76a Czechia 06a16860-fc6b-4ad4-9217-67ed463ae9f0 Poland a87a09cf-dde0-482f-a86a-8c378a9bc724 Sweden 821c829c-5646-4271-a7e4-ed85029965c Bulgaria

Popular Downloads	
Data Sheet, Technical Information:	1SCC303003C0201
Instructions and Manuals:	1SCC303002M0206

Environmental	
Degree of Protection:	Front IP20
Pollution Degree:	3

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

Dimensions	
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Product Net Width:	307 mm 12.09 in
Product Net Height:	150 mm 5.91 in
Product Net Depth / Length:	197 mm 7.76 in
Product Net Weight:	6.2 kg 13.67 lb

Container Information

Package Level 1 Units:	box 1 box
Package Level 1 Width:	215 mm
Package Level 1 Depth / Length:	395 mm
Package Level 1 Height:	215 mm
Package Level 1 Gross Weight:	7.6 kg
Package Level 1 EAN:	6417019298696

Technical

Conventional Free-air Thermal Current (I_{th}):	$\Theta = 40\text{ °C}$ 160 A
Conventional Thermal Current (I_{the}):	Fully Enclosed 160 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:	220 ... 240 V AC
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 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

Certificates and Declarations

Declaration of Conformity - CE:	1SCC303012D2703
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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):	3641704

Categories

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

