



PRODUCT-DETAILS

OTM315E4CM24D

OTM315E4CM24D MOTORIZED C/O SWITCH



General Information	
Extended Product Type:	OTM315E4CM24D
Product ID:	1SCA022847R2520
EAN:	6417019297934
Catalog Description:	OTM315E4CM24D MOTORIZED C/O SWITCH
Long Description:	OTM315E4CM24D MOTORIZED C/O SWITCH, Direct mounted handle, Open transition
Display Name:	OTM315E4CM24D

ABB EcoSolutions	
End Of Life Disassembling Instructions:	1SCC303058M0201
Environmental Information:	1SCC303036D0202
Environmental Product Declaration - EPD:	1SCC303097D0201

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:	1SCC303002M0204

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:	367 mm 14.45 in
Product Net Height:	185 mm 7.28 in
Product Net Depth / Length:	235 mm 9.25 in
Product Net Weight:	9.4 kg 20.72 lb

Container Information

Package Level 1 Units:	box 1 box
Package Level 1 Width:	255 mm
Package Level 1 Depth / Length:	460 mm
Package Level 1 Height:	243 mm
Package Level 1 Gross Weight:	11.44 kg
Package Level 1 EAN:	6417019297934

Technical

Conventional Free-air Thermal Current (I_{th}): $\Theta = 40\text{ °C}$ 315 A

Conventional Thermal Current (I_{the}):	Fully Enclosed 315 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:	24 V 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 6.5 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) 315 A (500 V) 315 A (690 V) 315 A
Rated Operational Current AC-22A (I_e):	(380 ... 415 V) 315 A (500 V) 315 A (690 V) 315 A
Rated Operational Current AC-23A (I_e):	(380 ... 415 V) 315 A (500 V) 315 A (690 V) 315 A
Rated Operational Current AC-31B (I_e):	(380 ... 415 V) 315 A
Rated Operational Current AC-33B (I_e):	(380 ... 415 V) 315 A
Rated Operational Power AC-23A (P_e):	(380 ... 415 V) 160 kW (500 V) 220 kW (690 V) 315 kW
Rated Operational Voltage:	Main Circuit 1000 V
Rated Short-time Withstand Current Low Voltage (I_{cw}):	for 1 s 15 kiloampere rms
Switches Operating Mechanism:	Mechanism at the End of the Switch
Terminal Type:	Screw Terminals
Tightening Torque:	acc. IEC 60947-1 30 ... 44 N·m
Transition Type:	Open

Certificates and Declarations

Declaration of Conformity - CE: 1SCC303032D2702

External Classifications and Standards

Object Classification Code: Q

ETIM 9:	EC000216 - Switch disconnecter (low voltage)
ETIM 10:	EC000216 - Switch disconnecter (AC)
UNSPSC:	39122233
eClass:	V11.1 : 27371403
WEEE Category:	5. Small Equipment (No External Dimension More Than 50 cm)
E-Number (Finland):	3641751

Categories

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

