



PRODUCT-DETAILS

OTM2000E3M230C

OTM2000E3M230C MOTORIZED SWITCH



General Information	
Extended Product Type	OTM2000E3M230C
Product ID	1SCA115372R1001
EAN	6417019477428
Catalog Description	OTM2000E3M230C MOTORIZED SWITCH
Long Description	3-pole, motor operated, base mounted switch-d disconnecter with handle for manual operation, terminal bolt kit, handle and spare fuse storage clip and male connector for control circuit

ABB EcoSolutions	
End Of Life Disassembling Instructions	1SCC301142M0201
Environmental Product Declaration - EPD	1SCC303104D0201

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
Toxic Substances Control Act - TSCA	1SCC011025D0201

Popular Downloads

Data Sheet, Technical Information	1SCC301020C0201
Instructions and Manuals	1SCC303006M0205
Environmental Product Declaration - EPD	1SCC303104D0201

Environmental

Degree of Protection	Front IP00
Pollution Degree	3

Ordering

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

Dimensions

Product Net Width	644.5 mm
Product Net Height	376.4 mm
Product Net Depth / Length	153 mm
Product Net Weight	32.7 kg 72 lb

Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	435 mm 17.1 in
Package Level 1 Depth / Length	673 mm 26.5 in
Package Level 1 Height	215 mm 8.5 in
Package Level 1 Gross Weight	35.1 kg 77.3 lb
Package Level 1 EAN	6417019477428

Technical

Conventional Free-air Thermal Current (I_{th})	$\Theta = 40\text{ }^{\circ}\text{C 2000 A}$
Degree of Protection	Front IP00
Distance Between Phases	Standard
Handle Color	Black
Handle Type	Direct mounted handle
Lock Type	Yes
Mechanical Durability	6000
Motor Operational Voltage	220 ... 240 V AC

Mounting Type	Base mounting
Number of Poles	3P
Operating Mode	Front operated
Pollution Degree	3
Position of Line Terminals	Top In - Bottom Out
Power Loss	at Rated Operating Conditions per Pole 55 W
Rated Impulse Withstand Voltage (U_{imp})	12 kV
Rated Insulation Voltage (U_i)	acc. to IEC/EN 60664-1 1000 V
Rated Operational Current AC-22B (I_e)	(380 ... 415 V) 2000 A (500 V) 2000 A (690 V) 2000 A
Rated Operational Voltage	Main Circuit 1000 V
Rated Short-Circuit Making Capacity (I_{cm})	(690 V) 176 kA
Rated Short-time Withstand Current Low Voltage (I_{cw})	for 1 s 55 kA
Special Functions	No
Standards	IEC 60947-3
Switches Operating Mechanism	Mechanism at the End of the Switch
Terminal Type	Lug terminals
Tightening Torque	acc. IEC 60947-1 50 ... 75 N·m

Technical UL/CSA

Tightening Torque	acc. IEC 60947-1 50 ... 75 N·m
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Certificates and Declarations

ATEX Certificate	No certification needed
Declaration of Conformity - CE	1SCC301241D2701
UL Certificate	No certification needed
VDE Certificate	No certification needed

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	4. Large Equipment (Any External Dimension More Than 50 cm)
E-Number (Finland)	3638160

Categories

Low Voltage Products and Systems → Switches → Motorized Switch-Disconnectors

