



 PRODUCT-DETAILS

OTM1250E3M230C

OTM1250E3M230C MOTORIZED SWITCH



General Information

Extended Product Type	OTM1250E3M230C
Product ID	1SCA115365R1001
EAN	6417019477350
Catalog Description	OTM1250E3M230C 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	1SCC301141M0201
Environmental Product Declaration - EPD	1SCC303101D0201

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
Toxic Substances Control Act - TSCA	1SCC011025D0201

Popular Downloads

Data Sheet, Technical Information	1SCC301020C0201
Instructions and Manuals	1SCC303006M0205
Environmental Product Declaration - EPD	1SCC303101D0201

Environmental

Degree of Protection	Front IP00
Pollution Degree	3

Ordering

Minimum Order Quantity	1 piece
Customs Tariff Number	85365080
Country or Territory of Origin	Finland

Dimensions

Product Net Width	506.5 mm
Product Net Height	306 mm
Product Net Depth / Length	153 mm
Product Net Weight	25 kg

Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	407 mm 16.02 in
Package Level 1 Depth / Length	619 mm 24.37 in
Package Level 1 Height	190 mm 7.48 in
Package Level 1 Gross Weight	27 kg 12 lb
Package Level 1 EAN	6417019477350

Technical

Conventional Free-air	Θ = 40 °C 1250 A
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Thermal Current (I_{th})	
Conventional Thermal Current (I_{the})	Fully Enclosed 1250 A
Degree of Protection	Front IP00
Distance Between Phases	Standard
Handle Color	Black
Handle Type	Direct mounted handle
Mechanical Durability	6000
Motor Operational Voltage	220 ... 240 V AC
Mounting Type	Base mounting
Number of Poles	3P
Operating Mode	Front
Pollution Degree	3
Position of Line Terminals	Top In - Bottom Out
Power Loss	at Rated Operating Conditions per Pole 29 W
Rated Conditional Short-Circuit Current (I_{nc})	(1250 A fuse, 415 V) 80 kA (1250 A fuse, 500 V) 100 kA
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-21A (I_e)	(380 ... 415 V) 1250 A (500 V) 1250 A (690 V) 1250 A (1000 V AC) 1250 A
Rated Operational Current AC-22A (I_e)	(380 ... 415 V) 1250 A (500 V) 1250 A (690 V) 1250 A
Rated Operational Current AC-23A (I_e)	(380 ... 415 V) 1250 A (500 V) 1250 A (690 V) 1250 A
Rated Operational Power AC-23A (P_e)	(400 ... 415 V) 710 kW (500 V) 900 kW (690 V) 1200 kW
Rated Operational Voltage	Main Circuit 1000 V
Rated Short-Circuit Making Capacity (I_{cm})	(690 V) 110 kA
Rated Short-time Withstand Current Low Voltage (I_{cw})	for 1 s 50 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	1SCC301213D2702
UL Certificate	No certification needed
VDE Certificate	No certification needed

External Classifications and Standards

Object Classification Code	Q
ETIM 9	EC000216 - Switch disconnector (low voltage)
ETIM 10	EC000216 - Switch disconnector (AC)
UNSPSC	39122233
eClass	V11.1 : 27371403
WEEE Category	4. Large Equipment (Any External Dimension More Than 50 cm)

Categories

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

