

PRODUCT-DETAILS

OTM250E4YM230C

OTM250E4YM230C MOTORIZED BY-PASS



General Information

Extended Product Type	OTM250E4YM230C
Product ID	1SCA140870R1001
EAN	6417019686486
Catalog Description	OTM250E4YM230C MOTORIZED BY-PASS
Long Description	OTM250E4YM230C MOTORIZED BYPASS SWITCH, Direct mounted handle, Open transition

Ordering

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

Popular Downloads

Data Sheet, Technical Information	1SCC303003C0201
Instructions and Manuals	1SCC303006M0205

Dimensions

Product Net Width	331 mm
Product Net Height	150 mm
Product Net Depth / Length	285 mm
Product Net Weight	8.1 kg

Technical

Rated Operational Current AC-21A (I_e)	(380 ... 415 V) 250 A (500 V) 250 A (690 V) 250 A
Rated Operational Current AC-22A (I_e)	(380 ... 415 V) 250 A (500 V) 250 A (690 V) 250 A
Rated Operational Current AC-23A (I_e)	(380 ... 415 V) 250 A (500 V) 250 A (690 V) 250 A
Rated Operational Power AC-23A (P_e)	(220 ... 240 V) 75 kW (400 ... 415 V) 140 kW (500 V) 170 kW (690 V) 250 kW
Conventional Free-air Thermal Current (I_{th})	$q = 40^\circ\text{C}$ 250 A
Conventional Thermal Current (I_{the})	Fully Enclosed 250 A
Rated Impulse Withstand Voltage (U_{imp})	12 kV
Rated Insulation Voltage (U_i)	acc. to IEC/EN 60664-1 1000 V
Rated Operational Voltage	Main Circuit 1000 V
Rated Short-Circuit Making Capacity (I_{cm})	(690 V) 30 kA
Rated Short-time Withstand Current (I_{cw})	for 1 s 8 kA
Motor Operational Voltage	220 ... 240 V AC
Power Loss	at Rated Operating Conditions per Pole 6.5 W
Pollution Degree	3
Handle Color	Black
Handle Type	Direct mounted handle
Fourth Pole Position	Right Side
Fourth Pole Type	Switched - Simultaneous Function
Switches Operating Mechanism	Mechanism at the End of the Switch
Distance Between Phases	Standard
Position of Line Terminals	Top In - Bottom Out, Bottom In - Top Out
Operating Mode	Front operated
Standards	IEC 60947-3
Mounting Type	Base mounting
Number of Poles	4
Degree of Protection	Front IP00

Terminal Type	Lug terminals
Tightening Torque	acc. IEC 60947-1 15...22 N·m
Mechanical Durability	20000
Lock Type	Yes
Transition Type	Open

Environmental

RoHS Status	Following EU Directive 2011/65/EU
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Certificates and Declarations (Document Number)

Instructions and Manuals	1SCC303006M0205
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Container Information

Package Level 1 Units	1 piece
Package Level 1 Width	384 mm 15.12 in
Package Level 1 Depth / Length	384 mm 15.12 in
Package Level 1 Height	385 mm 15.16 in
Package Level 1 Gross Weight	10 kg 4.5 lb

Classifications

Object Classification Code	Q
ETIM 5	EC000216 - Switch disconnecter
ETIM 6	EC000216 - Switch disconnecter
ETIM 7	EC000216 - Switch disconnecter
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)

Categories

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

