

PRODUCT-DETAILS

# OTM1600E3M230C

## OTM1600E3M230C MOTORIZED SWITCH



### General Information

Extended Product Type	OTM1600E3M230C
Product ID	1SCA115366R1001
EAN	6417019477367
Catalog Description	OTM1600E3M230C MOTORIZED SWITCH
Long Description	3-pole, motor operated, base mounted switch-diconductor with handle for manual operation, terminal bolt kit, handle and spare fuse storage clip and male connector for control circuit

### Ordering

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

### Popular Downloads

Data Sheet, Technical Information	1SCC301020C0201
Instructions and Manuals	1SCC303006M0205

### Dimensions

Product Net Width	506.5 mm
-------------------	----------

Product Net Height	372 mm
Product Net Depth / Length	153 mm
Product Net Weight	26 kg

## Technical

Rated Operational Current AC-21A ( $I_e$ )	(380 ... 415 V) 1600 A (500 V) 1600 A (690 V) 1600 A (1000 V AC) 1600 A
Rated Operational Current AC-22A ( $I_e$ )	(380 ... 415 V) 1600 A (500 V) 1600 A (690 V) 1600 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
Conventional Free-air Thermal Current ( $I_{th}$ )	q = 40 °C 1600 A
Conventional Thermal Current ( $I_{the}$ )	Fully Enclosed 1600 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) 110 kA
Rated Short-time Withstand Current Low Voltage ( $I_{cw}$ )	for 1 s 50 kA
Rated Conditional Short-Circuit Current ( $I_{nc}$ )	(1250 A fuse, 415 V) 80 kA (1250 A fuse, 500 V) 100 kA
Motor Operational Voltage	220 ... 240 V AC
Power Loss	at Rated Operating Conditions per Pole 48 W
Pollution Degree	3
Handle Color	Black
Handle Type	Direct mounted handle
Switches Operating Mechanism	Mechanism at the End of the Switch
Distance Between Phases	Standard
Position of Line Terminals	Top In - Bottom Out
Operating Mode	Front operated
Standards	IEC 60947-3
Special Functions	No
Mounting Type	Base mounting
Number of Poles	3
Degree of Protection	Front IP00
Terminal Type	Lug terminals
Tightening Torque	acc. IEC 60947-1 50 ... 75 N·m
Mechanical Durability	6000
Lock Type	Yes

## Technical UL/CSA

Tightening Torque

acc. IEC 60947-1 50 ... 75 N·m

---

**Environmental**


---

RoHS Status

Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019

---

**Certificates and Declarations (Document Number)**


---

ATEX Certificate	No certification needed
Declaration of Conformity - CE	1SCC301213D2702
Instructions and Manuals	1SCC303006M0205
REACH Declaration	1SCC011021D0201
RoHS Information	1SCC011020D0201
UL Certificate	No certification needed
VDE Certificate	No certification needed

---

**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	28 kg 13 lb
Package Level 1 EAN	6417019477367

---

**Classifications**


---

Object Classification Code	Q
ETIM 5	EC000216 - Switch disconnecter
ETIM 6	EC000216 - Switch disconnecter
ETIM 7	EC000216 - Switch disconnecter
ETIM 8	EC000216 - Switch disconnecter
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

