



## PRODUCT-DETAILS

**OTM160E3M230C****OTM160E3M230C MOTORIZED SWITCH****General Information**

Extended Product Type	OTM160E3M230C
Product ID	1SCA115283R1001
EAN	6417019476711
Catalog Description	OTM160E3M230C 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

**Circular Value**

End of Life Instructions	1SCC301138M0201
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**Eco Transparency**

Environmental Product Declaration - EPD	1SCC303093D0201
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## 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

## 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
Environmental Product Declaration - EPD	1SCC303093D0201
End of Life Instructions	1SCC301138M0201

## Dimensions

Product Net Width	296 mm
Product Net Height	150 mm
Product Net Depth / Length	198 mm
Product Net Weight	5.1 kg

## Technical

Rated Operational Current AC-21A ( $I_e$ )	(380 ... 415 V) 200 A (500 V) 200 A (690 V) 160 A (1000 V AC) 160 A
Rated Operational Current AC-22A ( $I_e$ )	(380 ... 415 V) 200 A (500 V) 200 A (690 V) 160 A
Rated Operational Current AC-23A ( $I_e$ )	(380 ... 415 V) 160 A (500 V) 160 A (690 V) 160 A
Rated Operational Power AC-23A ( $P_e$ )	(220 ... 240 V) 48 kW (400 ... 415 V) 80 kW (500 V) 112 kW (690 V) 144 kW
Conventional Free-air Thermal Current ( $I_{th}$ )	$\Theta = 40\text{ °C}$ 200 A
Conventional Thermal Current ( $I_{the}$ )	Fully Enclosed 160 A
Rated Impulse Withstand Voltage ( $U_{imp}$ )	12 kV

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Rated Insulation Voltage (U <sub>i</sub> )	acc. to IEC/EN 60664-1 1000 V
Rated Operational Voltage	Main Circuit 1000 V
Rated Short-Circuit Making Capacity (I <sub>cm</sub> )	(690 V) 30 kA
Rated Short-time Withstand Current Low Voltage (I <sub>cw</sub> )	for 1 s 8 kA
Rated Conditional Short-Circuit Current (I <sub>nc</sub> )	(315 A fuse, 500 V) 100 kA (355 A fuse, 690 V) 80 kA
Motor Operational Voltage	220 ... 240 V AC
Power Loss	at Rated Operating Conditions per Pole 3.2 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	Screw Terminals
Tightening Torque	acc. IEC 60947-1 15 ... 22 N·m
Mechanical Durability	20000
Lock Type	Yes

## Technical UL/CSA

Tightening Torque	acc. IEC 60947-1 15 ... 22 N·m
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## Certificates and Declarations

ATEX Certificate	No certification needed
Declaration of Conformity - CE	1SCC301197D0202
UL Certificate	No certification needed
VDE Certificate	No certification needed

## Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	215 mm
Package Level 1 Depth / Length	395 mm
Package Level 1 Height	215 mm
Package Level 1 Gross	6 kg

Weight

Package Level 1 EAN 6417019476711

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### Classifications

Object Classification Code	Q
ETIM 8	EC000216 - Switch disconnector
ETIM 9	EC000216 - Switch disconnector (low voltage)
UNSPSC	39122233
IDEA Granular Category Code (IGCC)	5290 >> Disconnect switch
eClass	V11.1 : 27371403
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
E-Number (Finland)	3638140

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### Categories

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

