

PRODUCT-DETAILS

# OT125MLE3

## OT125MLE3 SWITCH-DISCONNECTOR



### General Information

Extended Product Type	OT125MLE3
Product ID	1SCA022752R6180
EAN	6417019244495
Catalog Description	OT125MLE3 SWITCH-DISCONNECTOR
Long Description	Handle and shaft must be ordered separately.

### Circular Value

Conflict Minerals Reporting Template (CMRT)	9AKK108467A5658
Environmental Information	1SCC301264D0201
REACH Declaration	1SCC011021D0201
RoHS Information	1SCC011020D0201

### 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	1SCC301058M0001
Mechanical Drawings	1SCC307747F0001 1SCC307746F0001 OT125MLE3.stp OT125MLE3.igs

---



---

## Dimensions

---

Product Net Width	100 mm
Product Net Height	70 mm
Product Net Depth / Length	74 mm
Product Net Weight	0.36 kg

---



---

## Technical

---

Rated Operational Current AC-21A ( $I_e$ )	(380 ... 415 V) 125 A (500 V) 125 A (690 V) 125 A
Rated Operational Current AC-22A ( $I_e$ )	(380 ... 415 V) 125 A (500 V) 125 A (690 V) 125 A
Rated Operational Current AC-23A ( $I_e$ )	(380 ... 415 V) 90 A (500 V) 70 A (690 V) 50 A
Rated Operational Power AC-23A ( $P_e$ )	(220 ... 240 V) 22 kW (400 ... 415 V) 45 kW (500 V) 45 kW (690 V) 45 kW
Conventional Free-air Thermal Current ( $I_{th}$ )	$\Theta = 40\text{ °C}$ 125 A
Conventional Thermal Current ( $I_{the}$ )	Fully Enclosed 125 A
Rated Impulse Withstand Voltage ( $U_{imp}$ )	8 kV
Rated Insulation Voltage ( $U_i$ )	acc. to IEC/EN 60664-1 750 V
Rated Operational Voltage	Main Circuit 750 V
Rated Short-Circuit Making Capacity ( $I_{cm}$ )	(690 V) 3.6 kA
Rated Short-time Withstand Current Low Voltage ( $I_{cw}$ )	for 1 s 2.5 kA
Power Loss	at Rated Operating Conditions per Pole 6.3 W
Pollution Degree	3
Handle Type	Handle and shaft not included

Switches Operating Mechanism	Mechanism on Top of the Switch
Distance Between Phases	Standard
Operating Mode	Front operated
Standards	IEC 60947-3
Special Functions	No
Mounting Type	Base mounting
Number of Poles	3
Cable Cross-Section	Cu 10 ... 70 mm <sup>2</sup>
Degree of Protection	Front IP20
Terminal Type	Screw Terminals
Tightening Torque	acc. IEC 60947-1 6 N·m
Mechanical Durability	20000
Lock Type	No

### Technical UL/CSA

Tightening Torque	acc. IEC 60947-1 6 N·m
-------------------	------------------------

### Environmental

RoHS Status	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
Environmental Information	1SCC301264D0201

### Certificates and Declarations

Declaration of Conformity - CE	1SCC301168D2702
REACH Declaration	1SCC011021D0201

### Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	81 mm
Package Level 1 Depth / Length	112 mm
Package Level 1 Height	86 mm
Package Level 1 Gross Weight	0.39 kg
Package Level 1 EAN	6417019244495

### Classifications

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

ETIM 9	EC000216 - Switch disconnector (low voltage)
eClass	V11.1 : 27371403
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
E-Number (Finland)	3601255

---

## Categories

---

Low Voltage Products and Systems → Switches → Switch Disconnectors

