



---

**PRODUCT-DETAILS****OT1600E02****OT1600E02 SWITCH-DISCONNECTOR**

---

**General Information**

Extended Product Type	OT1600E02
Product ID	1SCA106140R1001
EAN	6417019398891
Catalog Description	OT1600E02 SWITCH-DISCONNECTOR
Long Description	2-pole, front operated, base mounted switch-disconnector, handle and shaft are not included, terminal bolt kit included

---

---

**Circular Value**

Conflict Minerals Reporting Template (CMRT)	9AKK108467A5658
End of Life Instructions	1SCC301120M0201
Environmental Information	1SCC301233D0201
Environmental Product Declaration - EPD	1SCC301300D0201
REACH Declaration	1SCC011021D0201
RoHS Information	1SCC011020D0201

---

Toxic Substances  
Control Act - TSCA

1SCC011025D0201

## Eco Transparency

Environmental Product  
Declaration - EPD

1SCC301300D0201

## Ordering

Minimum Order Quantity  
Customs Tariff Number  
Country of Origin

1 piece

85365080

Finland (FI)

## Popular Downloads

Data Sheet, Technical Information	1SCC301020C0201
Instructions and Manuals	1SCC301047M0213
Mechanical Drawings	1SCC301698F0001 1SCC301699F0001 OT1600E02.igs
Environmental Product Declaration - EPD	1SCC301300D0201
End of Life Instructions	1SCC301120M0201

## Dimensions

Product Net Width	254.5 mm
Product Net Height	372 mm
Product Net Depth / Length	167 mm
Product Net Weight	11.9 kg

## Technical

Rated Operational Current AC-21A ( $I_e$ )	(380 ... 415 V) 1600 A (500 V) 1600 A (690 V) 1600 A (1000 V) 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 ( $I_{th}$ )	$\Theta = 40^\circ\text{C}$ 1600 A
Conventional Thermal Current ( $I_{the}$ )	Fully Enclosed 1600 A
Rated Impulse Withstand Voltage ( $U_{imp}$ )	12 kV

)	
Rated Insulation Voltage (Ui)	acc. to IEC/EN 60664-1 1000 V
Rated Operational Voltage	Main Circuit 1000 V
Rated Short-Circuit Making Capacity (Icm)	(690 V) 110 kA
Rated Short-time Withstand Current Low Voltage (Icw)	for 1 s 50 kA
Power Loss	at Rated Operating Conditions per Pole 48 W
Pollution Degree	3
Handle Type	Handle and shaft not included
Switches Operating Mechanism	Mechanism at the End of the Switch 02 (Left Side)
Distance Between Phases	Standard
Position of Line Terminals	Top In - Bottom Out Bottom In - Top Out
Operating Mode	Front operated
Standards	IEC 60947-3
Special Functions	No
Mounting Type	Base mounting
Number of Poles	2
Degree of Protection	Front IP00
Terminal Type	Lug terminals
Tightening Torque	acc. IEC 60947-1 50 ... 75 N·m
Mechanical Durability	6000
Lock Type	No

## 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
Environmental Information	ISCC301233D0201
Toxic Substances Control Act - TSCA	ISCC011025D0201

## Certificates and Declarations

Declaration of Conformity - CE	ISCC301155D2704
DNV GL Certificate	ISCC301184D0203
REACH Declaration	ISCC011021D0201

## Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	400 mm
Package Level 1 Depth /	435 mm

## Length

Package Level 1 Height	170 mm
Package Level 1 Gross Weight	13.2 kg
Package Level 1 EAN	6417019398891

---

**Classifications**

Object Classification Code	Q
ETIM 7	EC000216 - Switch disconnector
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)

---

**Categories**

Low Voltage Products and Systems → Switches → Switch Disconnectors

