



PRODUCT-DETAILS

OT1600E03**OT1600E03 SWITCH-DISCONNECTOR****General Information**

Extended Product Type	OT1600E03
Product ID	1SCA022860R6400
EAN	6417019309354
Catalog Description	OT1600E03 SWITCH-DISCONNECTOR
Long Description	3-pole, front operated, base mounted switch-diconductor, 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

1 piece

Customs Tariff Number

85365080

Country of Origin

Finland (FI)

Popular Downloads

Data Sheet, Technical
Information

1SCC301020C0201

Instructions and
Manuals

1SCC301047M0213

Mechanical Drawings

1SCC301502F0001
1SCC301501F0001
OT1600E03.igs

Environmental Product
Declaration - EPD

1SCC301300D0201

End of Life Instructions

1SCC301120M0201

Dimensions

Product Net Width

334.5 mm

Product Net Height

372 mm

Product Net Depth /
Length

167 mm

Product Net Weight

16.8 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

12 kV

Withstand Voltage (U_{imp})

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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
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 03 (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	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	No

Technical UL/CSA

Tightening Torque	acc. IEC 60947-1 50 ... 75 N·m
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Environmental

RoHS Status	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
Environmental Information	1SCC301233D0201
Toxic Substances Control Act - TSCA	1SCC011025D0201

Certificates and Declarations

A2L Certificate – IEC	1SCC301338D0201
Declaration of Conformity - CE	1SCC301155D2704
DNV GL Certificate	1SCC301184D0203
REACH Declaration	1SCC011021D0201

Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	400 mm

Package Level 1 Depth / Length	435 mm
Package Level 1 Height	170 mm
Package Level 1 Gross Weight	18.1 kg
Package Level 1 EAN	6417019309354

Classifications

Object Classification Code	Q
ETIM 7	EC000216 - Switch disconnecter
ETIM 8	EC000216 - Switch disconnecter
ETIM 9	EC000216 - Switch disconnecter (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)	3661752
E-Number (Sweden)	3171254

Categories

Low Voltage Products and Systems → Switches → Switch Disconnectors

