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 PRODUCT-DETAILS

# OT1600E03C

## OT1600E03C CHANGE-OVER SWITCH




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**General Information**

Extended Product Type	OT1600E03C
Product ID	1SCA022872R1760
EAN	6417019338996
Catalog Description	OT1600E03C CHANGE-OVER SWITCH
Long Description	1600A, 3 pole manual change-over switch. Handle and shaft has to be ordered separately.

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**Circular Value**

Conflict Minerals Reporting Template (CMRT)	9AKK108467A5658
Environmental Information	1SCC303050D0201
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	1SCC303003C0201
Instructions and Manuals	1SCC303008M0208

## Dimensions

Product Net Width	400 mm 15.75 in
Product Net Height	372 mm 14.65 in
Product Net Depth / Length	309 mm 12.17 in
Product Net Weight	37.37 kg 82.39 lb

## Technical

Rated Operational Current AC-21A ( $I_e$ )	(380 ... 415 V) 1600 A (500 V) 1600 A (690 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) 1600 A (500 V) 1600 A (690 V) 1600 A
Rated Operational Current AC-31B ( $I_e$ )	(380 ... 415 V) 1600 A
Rated Operational Current AC-33B ( $I_e$ )	(380 ... 415 V) 1600 A
Rated Operational Power AC-23A ( $P_e$ )	(380 ... 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
Rated Impulse Withstand Voltage ( $U_{imp}$ )	12 kV
Rated Insulation Voltage ( $U_i$ )	1000 V
Rated Operational Voltage	1000 V
Rated Short-time Withstand Current Low Voltage ( $I_{cw}$ )	for 1 s 50 kiloampere rms
Power Loss	48 W
Pollution Degree	3
Handle Color	Black
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
Mounting Type	Base mounting
Number of Poles	3
Degree of Protection	Front IP20
Terminal Width	50 mm
Tightening Torque	acc. IEC 60947-1 50 ... 75 N·m
Transition Type	Open

**Technical UL/CSA**

Ampere Rating	1600 A
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	1SCC303050D0201

**Certificates and Declarations**

Declaration of Conformity - CE	1SCC303015D2702
DNV Certificate	1SCC303138D0201
REACH Declaration	1SCC011021D0201

**Container Information**

Package Level 1 Units	1 piece
Package Level 1 Width	394 mm 15.51 in
Package Level 1 Depth / Length	534 mm 21.02 in
Package Level 1 Height	368 mm 14.49 in
Package Level 1 Gross Weight	39.62 kg 87.35 lb
Package Level 1 EAN	6417019338996

**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	5290 >> Disconnect switch

Code (IGCC)

eClass

V11.1 : 27371403

WEEE Category

5. Small Equipment (No External Dimension More Than 50 cm)

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## Categories

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Low Voltage Products and Systems → Switches → Change-over and Transfer Switches → Manual Change-over Switches

