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 PRODUCT-DETAILS

# OT160E03C

## OT160E03C CHANGE-OVER SWITCH




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**General Information**

Extended Product Type	OT160E03C
Product ID	1SCA022767R0030
EAN	6417019250380
Catalog Description	OT160E03C CHANGE-OVER SWITCH
Long Description	160A, 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	170 mm 6.69 in
Product Net Height	150 mm 5.91 in
Product Net Depth / Length	160 mm 6.3 in
Product Net Weight	2.9 kg 6.39 lb

## Technical

Rated Operational Current AC-21A ( $I_e$ )	(380 ... 415 V) 160 A (500 V) 160 A (690 V) 160 A
Rated Operational Current AC-22A ( $I_e$ )	(380 ... 415 V) 160 A (500 V) 160 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 Current AC-31B ( $I_e$ )	(380 ... 415 V) 160 A
Rated Operational Current AC-33B ( $I_e$ )	(380 ... 415 V) 160 A
Rated Operational Power AC-23A ( $P_e$ )	(380 ... 415 V) 90 kW (500 V) 110 kW (690 V) 160 kW
Conventional Free-air Thermal Current ( $I_{th}$ )	$\Theta = 40\text{ °C}$ 160 A
Conventional Thermal Current ( $I_{the}$ )	Fully Enclosed 160 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 8 kiloampere rms
Power Loss	2.4 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	20 mm
Tightening Torque	acc. IEC 60947-1 15 ... 22 N·m
Transition Type	Open

## Technical UL/CSA

Ampere Rating	160 A
Tightening Torque	acc. IEC 60947-1 15 ... 22 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	1SCC303001D2704
DNV Certificate	1SCC303138D0201
REACH Declaration	1SCC011021D0201

## Container Information

Package Level 1 Units	1 piece
Package Level 1 Width	160 mm 6.3 in
Package Level 1 Depth / Length	245 mm 9.65 in
Package Level 1 Height	185 mm 7.28 in
Package Level 1 Gross Weight	3.2 kg 7.05 lb
Package Level 1 EAN	6417019250380

## Classifications

Object Classification Code	Q
ETIM 7	EC000216 - Switch disconnecter
ETIM 8	EC000216 - Switch disconnecter
ETIM 9	EC000216 - Switch disconnecter (low voltage)
eClass	V11.1 : 27371403

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## Categories

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

