



PRODUCT-DETAILS

# OT400ES03

## OT400ES03 SWITCH-DISCONNECTOR



General Information	
Extended Product Type	OT400ES03
Product ID	1SCA022860R1780
EAN	6417019308883
Catalog Description	OT400ES03 SWITCH-DISCONNECTOR
Long Description	3-pole, side operated, base mounted switch-d disconnecter, handle and shaft are not included, terminal bolt kit included

ABB EcoSolutions	
End Of Life Disassembling Instructions	1SCC301118M0201
Environmental Information	1SCC301266D0201
Environmental Product Declaration - EPD	1SCC301283D0201

Material Compliance		
Conflict Minerals Reporting Template (CMRT)		9AKK108467A5658
REACH Declaration		1SCC011021D0201
RoHS Information		1SCC011020D0201
RoHS Status	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019	
Toxic Substances Control Act - TSCA		1SCC011025D0201

Popular Downloads		
Data Sheet, Technical Information		1SCC301020C0201
Instructions and Manuals		1SCC301070M0207
Mechanical Drawings		1SCC301660F0001 1SCC301659F0001
Environmental Product Declaration - EPD		1SCC301283D0201

Environmental		
Degree of Protection		Front IP00
Environmental Information		1SCC301266D0201
Pollution Degree		3

Ordering		
Minimum Order Quantity		1 piece
Customs Tariff Number		85365080
Country of Origin		Finland (FI)

Dimensions		
Product Net Width		226 mm
Product Net Height		185 mm
Product Net Depth / Length		107 mm
Product Net Weight		3.2 kg 7.1 lb

Container Information		
Package Level 1 Units		box 1 piece
Package Level 1 Width		250 mm 9.8 in
Package Level 1 Depth / Length		290 mm 11.4 in
Package Level 1 Height		170 mm 6.7 in
Package Level 1 Gross Weight		3.5 kg 7.7 lb

Package Level 1 EAN

6417019308883

## Technical

Conventional Free-air Thermal Current ( $I_{th}$ )	$\Theta = 40\text{ °C}$ 400 A
Conventional Thermal Current ( $I_{the}$ )	Fully Enclosed 400 A
Degree of Protection	Front IP00
Distance Between Phases	Standard
Handle Type	Handle and shaft not included
Lock Type	No
Mechanical Durability	16000
Mounting Type	Base mounting
Number of Poles	3P
Operating Mode	Side operated
Pollution Degree	3
Position of Line Terminals	Top In - Bottom Out Bottom In - Top Out
Power Loss	at Rated Operating Conditions per Pole 10 W
Rated Conditional Short-Circuit Current ( $I_{nc}$ )	(500 A fuse, 500 V) 100 kA (500 A fuse, 690 V) 80 kA
Rated Impulse Withstand Voltage ( $U_{imp}$ )	12 kV
Rated Insulation Voltage ( $U_i$ )	acc. to IEC/EN 60664-1 1000 V
Rated Operational Current AC-21A ( $I_e$ )	(380 ... 415 V) 400 A (500 V) 400 A (690 V) 400 A
Rated Operational Current AC-22A ( $I_e$ )	(380 ... 415 V) 400 A (500 V) 400 A (690 V) 400 A
Rated Operational Current AC-23A ( $I_e$ )	(380 ... 415 V) 400 A (500 V) 400 A (690 V) 400 A
Rated Operational Power AC-23A ( $P_e$ )	(220 ... 240 V) 132 kW (400 ... 415 V) 230 kW (500 V) 280 kW (690 V) 400 kW
Rated Operational Voltage	Main Circuit 1000 V
Rated Short-Circuit Making Capacity ( $I_{cm}$ )	(690 V) 65 kA
Rated Short-time Withstand Current Low Voltage ( $I_{cw}$ )	for 1 s 15 kA
Special Functions	No
Standards	IEC 60947-3
Switches Operating Mechanism	Mechanism at the End of the Switch 03 (Left Side)
Terminal Type	Lug terminals
Tightening Torque	acc. IEC 60947-1 30 ... 44 N·m

## Technical UL/CSA

Tightening Torque	acc. IEC 60947-1 30 ... 44 N·m
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Certificates and Declarations

A2L Certificate – IEC	1SCC301337D0201
ATEX Certificate	No certification needed
Declaration of Conformity - CE	1SCC301135D2704
DNV GL Certificate	1SCC301174D0204
UL Certificate	No certification needed
VDE Certificate	No certification needed

External Classifications and Standards

Object Classification Code	Q
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)	3661713

Categories

Low Voltage Products and Systems → Switches → Switch Disconnectors

