



PRODUCT-DETAILS

OT400ES04

OT400ES04 SWITCH-DISCONNECTOR



General Information	
Extended Product Type	OT400ES04
Product ID	1SCA022860R1940
EAN	6417019308906
Catalog Description	OT400ES04 SWITCH-DISCONNECTOR
Long Description	4-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		1SCC301662F0001 1SCC301661F0001
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		270 mm
Product Net Height		185 mm
Product Net Depth / Length		107 mm
Product Net Weight		3.9 kg 8.7 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		4.2 kg 9.3 lb

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
Fourth Pole Position	Right Side
Fourth Pole Type	Switched - Simultaneous Function
Handle Type	Handle and shaft not included
Lock Type	No
Mechanical Durability	16000
Mounting Type	Base mounting
Number of Poles	4P
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 04 (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

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)	3661715

Categories
Low Voltage Products and Systems → Switches → Switch Disconnectors

