



PRODUCT-DETAILS

OT2000E03W8

OT2000E03W8 SWITCH-DISCONNECTOR



General Information	
Extended Product Type	OT2000E03W8
Product ID	1SCA105516R1001
EAN	6417019395043
Catalog Description	OT2000E03W8 SWITCH-DISCONNECTOR
Long Description	3-pole, front operated, base mounted switch-d disconnecter, handle and shaft are not included, wide phase distance, terminal bolt kit included

ABB EcoSolutions	
End Of Life Disassembling Instructions	1SCC301121M0201
Environmental Information	1SCC301268D0201
Environmental Product Declaration - EPD	1SCC301304D0201

Material Compliance		
Conflict Minerals Reporting Template (CMRT)		9AKK108467A5658
REACH Declaration		1SCC011021D0201
RoHS Declaration		1SCC011020D0201
RoHS Information	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		1SCC301078M0205
Mechanical Drawings		OT2500E03W8.igs
Environmental Product Declaration - EPD		1SCC301304D0201

Environmental		
Degree of Protection		Front IP00
Environmental Information		1SCC301268D0201
Pollution Degree		3

Ordering		
Minimum Order Quantity		1 piece
Customs Tariff Number		85365080
Country or Territory of Origin		Finland

Dimensions		
Product Net Width		590.5 mm
Product Net Height		376.5 mm
Product Net Depth / Length		145.5 mm
Product Net Weight		27.1 kg

Container Information		
Package Level 1 Units		box 1 piece
Package Level 1 Width		407 mm
Package Level 1 Depth / Length		619 mm
Package Level 1 Height		190 mm
Package Level 1 Gross Weight		29 kg
Package Level 1 EAN		6417019395043

Technical

Conventional Free-air Thermal Current (I_{th})	$\Theta = 40\text{ }^{\circ}\text{C}$ 2000 A
Degree of Protection	Front IP00
Distance Between Phases	Phase distance 185 mm
Handle Type	Handle and shaft not included
Mechanical Durability	6000
Mounting Type	Base mounting
Number of Poles	3P
Operating Mode	Front
Pollution Degree	3
Position of Line Terminals	Top In - Bottom Out Bottom In - Top Out
Power Loss	at Rated Operating Conditions per Pole 55 W
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-21B (I_e)	(380 ... 415 V) 2000 A (500 V) 2000 A (690 V) 2000 A
Rated Operational Current AC-22B (I_e)	(380 ... 415 V) 2000 A (500 V) 2000 A (690 V) 2000 A
Rated Operational Voltage	Main Circuit 1000 V
Rated Short-Circuit Making Capacity (I_{cm})	(690 V) 176 kA
Rated Short-time Withstand Current Low Voltage (I_{cw})	for 1 s 55 kA
Special Functions	Wide phase distance 185
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 50 ... 75 N·m

Technical UL/CSA

Tightening Torque	acc. IEC 60947-1 50 ... 75 N·m
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Certificates and Declarations

A2L Certificate – IEC	1SCC301338D0201
Declaration of Conformity - CE	1SCC301176D2702
DNV GL Certificate	1SCC301184D0203

External Classifications and Standards

Object Classification Code	Q
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ETIM 9	EC000216 - Switch disconnecter (low voltage)
ETIM 10	EC000216 - Switch disconnecter (AC)
eClass	V11.1 : 27371403
WEEE Category	4. Large Equipment (Any External Dimension More Than 50 cm)

Categories

Low Voltage Products and Systems → Switches → Switch Disconnectors

