PRODUCT-DETAILS

OT2500E03N3P

OT2500E03N3P SWITCH-DISCONNECTOR



General Information

Extended Product Type	OT2500E03N3P
Product ID	1SCA108035R1001
EAN	6417019413556
Catalog Description	OT2500E03N3P SWITCH-DISCONNECTOR
Long Description	4-pole, front operated, base mounted switch-diconnector with black IP65 handle and shaft, terminal bolt kit included

ABB EcoSolutions

End of Life Instructions	1SCC301121M0201
Environmental Information	1SCC301268D0201
Environmental Product Declaration - EPD	1SCC301304D0201

Material Compliance

Conflict Minerals	9AKK108467A5658

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Reporting Template (CMRT)	
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	1SCC301078M0205
Environmental Product Declaration - EPD	1SCC301304D0201
End of Life Instructions	1SCC301121M0201

Environmental

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

Ordering

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

Dimensions

Product Net Width	472.5 mm
Product Net Height	376.5 mm
Product Net Depth / Length	145.5 mm
Product Net Weight	26.8 kg

Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	580 mm
Package Level 1 Depth / Length	780 mm
Package Level 1 Height	500 mm
Package Level 1 Gross Weight	28.8 kg
Package Level 1 EAN	6417019413556

Technical

Conventional Free-air	Θ = 40 °C 2500 A

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Thermal Current (I_{th})	
Degree of Protection	Front IP00
Distance Between Phases	Standard
Fourth Pole Position	Left Side
Fourth Pole Type	Detachable Neutral Link Integrated Into the Mechanism
Handle Color	Black
Handle Type	Handle and shaft included
Lock Type	Yes
Mechanical Durability	6000
Mounting Type	Base mounting
Number of Poles	3P+N
Operating Mode	Front operated
Pollution Degree	3
Position of Line Terminals	Top In - Bottom Out Bottom In - Top Out
Power Loss	at Rated Operating Conditions per Pole 85 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) 2500 A (500 V) 2500 A (690 V) 2500 A
Rated Operational Current AC-22B (I_e)	(380 ... 415 V) 2500 A (500 V) 2500 A (690 V) 2500 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	No
Standards	IEC 60947-3
Switches Operating Mechanism	Mechanism at the End of the Switch 03 (Left Side)
Terminal Type	Lug terminals
Terminal Width	100 mm
Tightening Torque	acc. IEC 60947-1 50 … 75 N·m

Technical UL/CSA

Tightening Torque	acc. IEC 60947-1 50 … 75 N·m

Certificates and Declarations

A2L Certificate – IEC	1SCC301338D0201
ATEX Certificate	No certification needed
Declaration of Conformity - CE	1SCC301176D2702
DNV GL Certificate	1SCC301184D0203
UL Certificate	No certification needed
VDE Certificate	No certification needed

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Classifications

Object Classification Code	Q
ETIM 8	EC000216 - Switch disconnector
ETIM 9	EC000216 - Switch disconnector (low voltage)
eClass	V11.1 : 27371403
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
E-Number (Finland)	3641586

Categories

Low Voltage Products and Systems → Switches → Switch Disconnectors



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