PRODUCT-DETAILS

OT1600E03

OT1600E03 SWITCH-DISCONNECTOR



General Information

Extended Product Type	OT1600E03
Product ID	1SCA022860R6400
EAN	6417019309354
Catalog Description	OT1600E03 SWITCH-DISCONNECTOR
Long Description	3-pole, front operated, base mounted switch-diconnector, handle and shaft are not included, terminal bolt kit included

ABB EcoSolutions

End of Life Instructions	1SCC301120M0201
Environmental Information	1SCC301233D0201
Environmental Product Declaration - EPD	1SCC301300D0201

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	1SCC301047M0213
Mechanical Drawings	1SCC301502F0001 1SCC301501F0001 OT1600E03.igs
Environmental Product Declaration - EPD	1SCC301300D0201
End of Life Instructions	1SCC301120M0201

Environmental

Degree of Protection	Front IP00
Environmental Information	1SCC301233D0201
Pollution Degree	3

Ordering

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

Dimensions

Product Net Width	334.5 mm
Product Net Height	372 mm
Product Net Depth / Length	167 mm
Product Net Weight	16.8 kg

Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	400 mm
Package Level 1 Depth / Length	435 mm
Package Level 1 Height	170 mm
Package Level 1 Gross Weight	18.1 kg
Package Level 1 EAN	6417019309354

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Technical

Conventional Free-air Thermal Current (I_{th})	Θ = 40 °C 1600 A
Conventional Thermal Current (I_{the})	Fully Enclosed 1600 A
Degree of Protection	Front IP00
Distance Between Phases	Standard
Handle Type	Handle and shaft not included
Lock Type	No
Mechanical Durability	6000
Mounting Type	Base mounting
Number of Poles	3P
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 48 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-21A (I_e)	(380 ... 415 V) 1600 A (500 V) 1600 A (690 V) 1600 A
Rated Operational Current AC-22A (I_e)	(380 ... 415 V) 1600 A (500 V) 1600 A (690 V) 1600 A
Rated Operational Current AC-23A (I_e)	(380 ... 415 V) 1250 A (500 V) 1250 A (690 V) 1250 A
Rated Operational Power AC-23A (P_e)	(400 ... 415 V) 710 kW (500 V) 900 kW (690 V) 1200 kW
Rated Operational Voltage	Main Circuit 1000 V
Rated Short-Circuit Making Capacity (I_{cm})	(690 V) 110 kA
Rated Short-time Withstand Current Low Voltage (I_{cw})	for 1 s 50 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 50 … 75 N·m

Technical UL/CSA

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

Certificates and Declarations

A2L Certificate – IEC	1SCC301338D0201
Declaration of	1SCC301155D2704

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Conformity - CE	
DNV GL Certificate	1SCC301184D0203

Classifications

Object Classification Code	Q
ETIM 8	EC000216 - Switch disconnector
ETIM 9	EC000216 - Switch disconnector (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)	3661752
E-Number (Sweden)	3171254

Categories

Low Voltage Products and Systems → Switches → Switch Disconnectors



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