PRODUCT-DETAILS

OT1600U03P

OT1600U03P SWITCH-DISCONNECTOR



General Information

Extended Product Type	OT1600U03P
Product ID	1SCA144207R1001
EAN	6417019723594
Catalog Description	OT1600U03P SWITCH-DISCONNECTOR
Long Description	3-pole, front operated, base mounted non-fusible diconnect switch with black IP65 handle and shaft, terminal bolt kit included

ABB EcoSolutions

End Of Life Disassembling Instructions	1SCC301120M0201
Environmental Product Declaration - EPD	1SCC301300D0201

Material Compliance

Conflict Minerals	9AKK108467A5658

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Reporting Template (CMRT)	
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	1SCC301094M0203
Mechanical Drawings	1SCC307548F0201OT1600-2000U03.igs
Environmental Product Declaration - EPD	1SCC301300D0201

Environmental

Degree of Protection	Front IP00
Pollution Degree	3

Ordering

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

Dimensions

Product Net Width	445 mm
Product Net Height	546 mm
Product Net Depth / Length	335 mm
Product Net Weight	54.4 kg

Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	394 mm
Package Level 1 Depth / Length	584 mm
Package Level 1 Height	385 mm
Package Level 1 Gross Weight	57 kg
Package Level 1 EAN	6417019723594

Technical

Conventional Thermal Current (I_{the})	Fully Enclosed 1600 A

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Degree of Protection	Front IP00
Distance Between Phases	Standard
Handle Color	Black
Handle Type	Handle and shaft included
Mechanical Durability	2500
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 96 W
Rated Impulse Withstand Voltage (U_{imp})	12 kV
Rated Operational Voltage	Main Circuit 1000 V
Rated Short-time Withstand Current Low Voltage (I_{cw})	for 1 s 65 kA
Special Functions	No
Standards	UL 98 / CSA C22.2 NO.4
Switches Operating Mechanism	Mechanism at the End of the Switch 03 (Left Side)
Terminal Type	Lug terminals
Tightening Torque	acc. IEC 60947-1 56 N·m

Technical UL/CSA

Maximum Operating Voltage UL/CSA	600 V
Ampere Rating	1600 A
Tightening Torque	acc. IEC 60947-1 56 N·m
Tightening Torque UL/CSA	500 in·lb

Certificates and Declarations

ATEX Certificate	No certification needed
cUL Certificate	cULus certificate OT1600-2000
Declaration of Conformity - CE	No declaration needed
UL Certificate	cULus certificate OT1600-2000
VDE Certificate	No certification needed

External Classifications and Standards

Object Classification Code	Q
ETIM 9	EC000216 - Switch disconnector (low voltage)
ETIM 10	EC000216 - Switch disconnector (AC)
UNSPSC	39122233
IDEA Granular Category Code (IGCC)	5290 >> Disconnect switch

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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



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