



PRODUCT-DETAILS

# OT1600U02

## OT1600U02 SWITCH-DISCONNECTOR



General Information	
Extended Product Type	OT1600U02
Product ID	1SCA144197R1001
EAN	6417019723518
Catalog Description	OT1600U02 SWITCH-DISCONNECTOR
Long Description	2-pole, front operated, base mounted non-fusible diconnect switch, handle and shaft are not included, terminal bolt kit included

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

Material Compliance	
Conflict Minerals	9AKK108467A5658

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	1SCC301094M0203
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 of Origin	Finland (FI)

Dimensions

Product Net Width	365 mm
Product Net Height	546 mm
Product Net Depth / Length	335 mm
Product Net Weight	38.4 kg

Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	394 mm
Package Level 1 Depth / Length	534 mm
Package Level 1 Height	368 mm
Package Level 1 Gross Weight	40.6 kg
Package Level 1 EAN	6417019723518

Technical

Conventional Thermal Current (I <sub>the</sub> )	Fully Enclosed 1600 A
Degree of Protection	Front IP00
Distance Between	Standard

Phases

Handle Type	Handle and shaft not included
Lock Type	No
Mechanical Durability	2500
Mounting Type	Base mounting
Number of Poles	2P
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 96 W
Rated Impulse Withstand Voltage (U <sub>imp</sub> )	12 kV
Rated Operational Voltage	Main Circuit 1000 V
Rated Short-time Withstand Current Low Voltage (I <sub>cw</sub> )	for 1 s 50 kA
Special Functions	No
Standards	UL 98 / CSA C22.2 NO.4
Switches Operating Mechanism	Mechanism at the End of the Switch 02 (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 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	4. Large Equipment (Any External Dimension More Than 50 cm)

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## Categories

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Low Voltage Products and Systems → Switches → Switch Disconnectors

