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 PRODUCT-DETAILS

# OT800E03

## OT800E03 SWITCH-DISCONNECTOR




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**General Information**

Extended Product Type	OT800E03
Product ID	1SCA022753R5920
EAN	6417019245195
Catalog Description	OT800E03 SWITCH-DISCONNECTOR
Long Description	3-pole, front operated, base mounted switch-diconductor, handle and shaft are not included, terminal bolt kit included

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**ABB EcoSolutions**

End Of Life Disassembling Instructions	1SCC301119M0201
Environmental Information	1SCC301232D0201
Environmental Product Declaration - EPD	1SCC301284D0201

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**Material Compliance**

Conflict Minerals Reporting Template (CMRT)	9AKK108467A5658
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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	1SCC301042M0211
Mechanical Drawings	1SCC301330F0001 1SCC301329F0001 OT600_800E03.igs
Environmental Product Declaration - EPD	1SCC301284D0201

## Environmental

Degree of Protection	Front IP00
Environmental Information	1SCC301232D0201
Pollution Degree	3

## Ordering

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

## Dimensions

Product Net Width	266 mm
Product Net Height	250 mm
Product Net Depth / Length	140 mm
Product Net Weight	6.1 kg

## Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	260 mm
Package Level 1 Depth / Length	335 mm
Package Level 1 Height	152 mm
Package Level 1 Gross Weight	6.5 kg
Package Level 1 EAN	6417019245195

## Technical

Conventional Free-air Thermal Current ( $I_{th}$ )	$\Theta = 40\text{ °C}$ 800 A
Conventional Thermal Current ( $I_{the}$ )	Fully Enclosed 800 A
Degree of Protection	Front IP00
Distance Between Phases	Standard

Handle Type	Handle and shaft not included
Mechanical Durability	10000
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 40 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 ( $I_g$ )	(380 ... 415 V) 800 A (500 V) 800 A (690 V) 800 A
Rated Operational Current AC-22A ( $I_g$ )	(380 ... 415 V) 800 A (500 V) 800 A (690 V) 800 A
Rated Operational Current AC-23A ( $I_g$ )	(380 ... 415 V) 800 A (500 V) 800 A (690 V) 800 A
Rated Operational Power AC-23A ( $P_e$ )	(220 ... 240 V) 250 kW (400 ... 415 V) 450 kW (500 V) 560 kW (690 V) 800 kW
Rated Operational Voltage	Main Circuit 1000 V
Rated Short-Circuit Making Capacity ( $I_{cm}$ )	(690 V) 80 kA
Rated Short-time Withstand Current Low Voltage ( $I_{cw}$ )	for 1 s 20 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
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## Certificates and Declarations

A2L Certificate - IEC	1SCC301337D0201
Declaration of Conformity - CE	1SCC301140D2704
DNV GL Certificate	1SCC301184D0203

## External Classifications and Standards

Object Classification Code	Q
ETIM 9	EC000216 - Switch disconnecter (low voltage)
ETIM 10	EC000216 - Switch disconnecter (AC)
UNSPSC	39122233
eClass	V11.1 : 27371403
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)

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## Categories

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Low Voltage Products and Systems → Switches → Switch Disconnectors

