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 PRODUCT-DETAILS

# OT800U12

## OT800U12 SWITCH-DISCONNECTOR




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**General Information**

Extended Product Type	OT800U12
Product ID	1SCA105637R1001
EAN	6417019395708
Catalog Description	OT800U12 SWITCH-DISCONNECTOR
Long Description	3-pole, front operated, base mounted non-fusible disconnect switch, handle and shaft are not included. terminal bolt kit included

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**ABB EcoSolutions**

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

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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	1SCC301047M0213
Mechanical Drawings	1SCC301506F0001 1SCC301505F0001 OT1600E12.igs
Environmental Product Declaration - EPD	1SCC301300D0201

## Environmental

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

## Ordering

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

## Dimensions

Product Net Width	334.5 mm
Product Net Height	372 mm
Product Net Depth / Length	151.5 mm
Product Net Weight	17.2 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	18.5 kg
Package Level 1 EAN	6417019395708

## Technical

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	6000

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 29 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-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 ( $P_e$ )	(380 ... 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 / UL 98 / CSA C22.2 NO.4
Switches Operating Mechanism	Mechanism Between the Poles 12 (Between the Poles)
Terminal Type	Lug terminals
Tightening Torque	acc. IEC 60947-1 56.5 N·m

### Technical UL/CSA

Maximum Operating Voltage UL/CSA	600 V
Ampere Rating	800 A
Horsepower Rating UL/CSA	(acc. to UL 240 V) 250 Hp (acc. to UL 480 V) 500 Hp (acc. to UL 600 V) 500 Hp
Tightening Torque	acc. IEC 60947-1 56.5 N·m
Tightening Torque UL/CSA	500 in·lb

### Certificates and Declarations

ATEX Certificate	No certification needed
Declaration of Conformity - CE	1SCC301155D2704
UL Certificate	cULus certificate OT800-1200
VDE Certificate	No certification needed

### External Classifications and Standards

Object Classification Code	Q
ETIM 9	EC000216 - Switch disconnecter (low voltage)
ETIM 10	EC000216 - Switch disconnecter (AC)
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)

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## Categories

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Low Voltage Products and Systems → Switches → Switch Disconnectors

