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 PRODUCT-DETAILS

# OT600U22

## OT600U22 SWITCH-DISCONNECTOR




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**General Information**

Extended Product Type	OT600U22
Product ID	1SCA022800R2130
EAN	6417019265148
Catalog Description	OT600U22 SWITCH-DISCONNECTOR
Long Description	4-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	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	1SCC301324F0001 1SCC301323F0001 OT600_800E22.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	331 mm
Product Net Height	250 mm
Product Net Depth / Length	140 mm
Product Net Weight	8 kg

## Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	260 mm
Package Level 1 Depth / Length	407 mm
Package Level 1 Height	152 mm
Package Level 1 Gross Weight	8.4 kg
Package Level 1 EAN	6417019265148

## Technical

Conventional Thermal Current ( $I_{the}$ )	Fully Enclosed 600 A
Degree of Protection	Front IP00
Distance Between Phases	Standard
Fourth Pole Position	Right Side
Fourth Pole Type	Switched - Simultaneous Function

Handle Type	Handle and shaft not included
Mechanical Durability	10000
Mounting Type	Base mounting
Number of Poles	4P
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-22A ( $I_e$ )	(380 ... 415 V) 800 A (500 V) 800 A (690 V) 800 A
Rated Operational Current AC-23A ( $I_e$ )	(380 ... 415 V) 800 A (500 V) 800 A (690 V) 800 A
Rated Operational Power AC-23A ( $P_e$ )	(380 ... 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 / UL 98 / CSA C22.2 NO.4
Switches Operating Mechanism	Mechanism Between the Poles 22 (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	600 A
Horsepower Rating UL/CSA	(acc. to UL 200 V) 150 Hp (acc. to UL 208 V) 150 Hp (acc. to UL 240 V) 200 Hp (acc. to UL 480 V) 450 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	1SCC301140D2704
UL Certificate	cULus certificate OT600
VDE Certificate	No certification needed

### External Classifications and Standards

Object Classification Code	Q
ETIM 9	EC000216 - Switch disconnector (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

