



## PRODUCT-DETAILS

**OT500E22P****OT500E22P SWITCH-DISCONNECTOR****General Information**

Extended Product Type	OT500E22P
Product ID	1SCA102496R1001
EAN	6417019372532
Catalog Description	OT500E22P SWITCH-DISCONNECTOR
Long Description	4-pole, front operated, base mounted switch-diconductor with black IP65 handle and shaft, terminal bolt kit included

**ABB EcoSolutions**

End Of Life Disassembling Instructions	1SCC301118M0201
Environmental Information	1SCC301149D0202
Environmental Product Declaration - EPD	1SCC301283D0201

## Material Compliance

Conflict Minerals Reporting Template (CMRT)	9AKK108467A5658
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	1SCC301035M0019
Mechanical Drawings	1SCC301288F0001 1SCC301287F0001 OT315-400E22.igs
Environmental Product Declaration - EPD	1SCC301283D0201

## Environmental

Degree of Protection	Front IP00
Environmental Information	1SCC301149D0202
Pollution Degree	3

## Ordering

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

## Dimensions

Product Net Width	240 mm
Product Net Height	185 mm
Product Net Depth / Length	107 mm
Product Net Weight	3.8 kg 8.5 lb

## Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	220 mm 8.7 in
Package Level 1 Depth / Length	260 mm 10.2 in
Package Level 1 Height	155 mm 6.1 in

Package Level 1 Gross Weight	4.2 kg 9.3 lb
Package Level 1 EAN	6417019372532

## Technical

Conventional Free-air Thermal Current ( $I_{th}$ )	$\Theta = 40\text{ °C}$ 500 A
Conventional Thermal Current ( $I_{the}$ )	Fully Enclosed 500 A
Degree of Protection	Front IP00
Distance Between Phases	Standard
Fourth Pole Position	Right Side
Fourth Pole Type	Switched - Simultaneous Function
Handle Color	Black
Handle Type	Handle and shaft included
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 16 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 ( $I_e$ )	(380 ... 415 V) 500 A (500 V) 500 A (690 V) 500 A
Rated Operational Current AC-22A ( $I_e$ )	(380 ... 415 V) 500 A (500 V) 400 A (690 V) 400 A
Rated Operational Current AC-23A ( $I_e$ )	(380 ... 415 V) 400 A (500 V) 400 A (690 V) 400 A
Rated Operational Power AC-23A ( $P_e$ )	(400 ... 415 V) 132 kW (500 V) 280 kW (690 V) 400 kW
Rated Operational Voltage	Main Circuit 1000 V
Rated Short-Circuit Making Capacity ( $I_{cm}$ )	(1000 V AC) 65 kA
Rated Short-time Withstand Current Low Voltage ( $I_{cw}$ )	for 1 s 15 kA
Special Functions	No
Standards	IEC 60947-3
Switches Operating Mechanism	Mechanism Between the Poles 22 (Between the Poles)
Terminal Type	Lug terminals
Tightening Torque	acc. IEC 60947-1 30 ... 44 N·m

## Technical UL/CSA

Tightening Torque	acc. IEC 60947-1 30 ... 44 N·m
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## Certificates and Declarations

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A2L Certificate – IEC	1SCC301337D0201
Declaration of Conformity - CE	1SCC301152D2703

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## External Classifications and Standards

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

