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 PRODUCT-DETAILS

# OT2500EM04W4P

## OT2500EM04W4P SWITCH-DISCONNECTOR




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**General Information**

Extended Product Type	OT2500EM04W4P
Product ID	1SCA118943R1001
EAN	6417019505640
Catalog Description	OT2500EM04W4P SWITCH-DISCONNECTOR
Long Description	4-pole, front operated, horizontally base mounted earthing switch with black IP65 handle and shaft, wide phase distance, terminal bolt kit included

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**ABB EcoSolutions**

End Of Life Disassembling Instructions	1SCC301121M0201
Environmental Information	1SCC301268D0201
Environmental Product Declaration - EPD	1SCC301304D0201

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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	1SCC301077M0204
Environmental Product Declaration - EPD	1SCC301304D0201

## Environmental

Degree of Protection	Front IP00
Environmental Information	1SCC301268D0201
Pollution Degree	3

## Ordering

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

## Dimensions

Product Net Width	655.5 mm
Product Net Height	376.5 mm
Product Net Depth / Length	234 mm
Product Net Weight	34.8 kg 76.8 lb

## Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	444 mm 17.48 in
Package Level 1 Depth / Length	714 mm 28.11 in
Package Level 1 Height	385 mm 15.16 in
Package Level 1 Gross Weight	39 kg 18 lb
Package Level 1 EAN	6417019505640

## Technical

Conventional Free-air Thermal Current ( $I_{th}$ )	$\Theta = 40 \text{ }^\circ\text{C 2500 A}$
Degree of Protection	Front IP00
Distance Between Phases	Phase distance 140 mm
Fourth Pole Position	Right Side
Fourth Pole Type	Switched - Simultaneous Function

Handle Color	Black
Handle Type	Handle and shaft included
Mechanical Durability	6000
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 85 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-21B ( $I_e$ )	(380 ... 415 V) 2500 A (500 V) 2500 A (690 V) 2500 A
Rated Operational Current AC-22B ( $I_e$ )	(380 ... 415 V) 2500 A (500 V) 2500 A (690 V) 2500 A
Rated Operational Voltage	Main Circuit 1000 V
Rated Short-Circuit Making Capacity ( $I_{cm}$ )	(690 V) 176 kA
Rated Short-time Withstand Current Low Voltage ( $I_{cw}$ )	for 1 s 55 kA
Special Functions	Wide phase distance 140
Standards	IEC 60947-3
Switches Operating Mechanism	04 (Left Side) Mechanism turned 90 degrees
Terminal Type	Lug terminals
Tightening Torque	acc. IEC 60947-1 50 ... 75 N·m
Utilization	Earthing Switch Use

## Technical UL/CSA

Tightening Torque	acc. IEC 60947-1 50 ... 75 N·m
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## Certificates and Declarations

A2L Certificate - IEC	1SCC301338D0201
ATEX Certificate	No certification needed
Declaration of Conformity - CE	1SCC301176D2702
DNV GL Certificate	1SCC301184D0203
UL Certificate	No certification needed
VDE Certificate	No certification needed

## External Classifications and Standards

Object Classification Code	Q
ETIM 9	EC000216 - Switch disconnector (low voltage)
ETIM 10	EC000216 - Switch disconnector (AC)
UNSPSC	39122221
eClass	V11.1 : 27371403
WEEE Category	4. Large Equipment (Any External Dimension More Than 50 cm)
E-Number (Finland)	3601486

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## Categories

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Low Voltage Products and Systems → Switches → Switch Disconnectors

