PRODUCT-DETAILS

OT2500E13W4P

OT2500E13W4P SWITCH-DISCONNECTOR



General Information

Extended Product Type	OT2500E13W4P
Product ID	1SCA109285R1001
EAN	6417019424668
Catalog Description	OT2500E13W4P SWITCH-DISCONNECTOR
Long Description	4-pole, front operated, base mounted switch-diconnector with black IP65 handle and shaft, wide phase distance, terminal bolt kit included

ABB EcoSolutions

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

© 2025 ABB. All rights reserved.

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	1SCC301078M0205
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	640.5 mm
Product Net Height	376.5 mm
Product Net Depth / Length	145.5 mm
Product Net Weight	34.1 kg

Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	580 mm
Package Level 1 Depth / Length	780 mm
Package Level 1 Height	500 mm
Package Level 1 Gross Weight	51.2 kg
Package Level 1 EAN	6417019424668

© 2025 ABB. All rights reserved.

Technical

Conventional Free-air Thermal Current (I_{th})	Θ = 40 °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	Mechanism Between the Poles 13 (Between the Poles)
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

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

© 2025 ABB. All rights reserved.

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)	3660837

Categories

Low Voltage Products and Systems → Switches → Switch Disconnectors



© 2025 ABB. All rights reserved.