PRODUCT-DETAILS

OT400E12WP

OT400E12WP SWITCH-DISCONNECTOR



General Information

Extended Product Type	OT400E12WP
Product ID	1SCA022809R9200
EAN	6417019272528
Catalog Description	OT400E12WP SWITCH-DISCONNECTOR
Long Description	3-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	1SCC301118M0201
Environmental Information	1SCC301266D0201
Environmental Product Declaration - EPD	1SCC301283D0201

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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
Environmental Product Declaration - EPD	1SCC301283D0201

Environmental

Degree of Protection	Front IP00
Environmental Information	1SCC301266D0201
Pollution Degree	3

Ordering

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

Dimensions

Product Net Width	226 mm
Product Net Height	220 mm
Product Net Depth / Length	107 mm
Product Net Weight	3.38 kg

Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	250 mm
Package Level 1 Depth / Length	170 mm
Package Level 1 Height	290 mm
Package Level 1 Gross Weight	3.66 kg
Package Level 1 EAN	6417019272528

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Technical

Conventional Free-air Thermal Current (I_{th})	Θ = 40 °C 400 A
Conventional Thermal Current (I_{the})	Fully Enclosed 400 A
Degree of Protection	Front IP00
Distance Between Phases	Wide phase distance
Handle Color	Black
Handle Type	Handle and shaft included
Mechanical Durability	16000
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 10 W
Rated Conditional Short-Circuit Current (I_{nc})	(500 A fuse, 500 V) 100 kA (500 A fuse, 690 V) 80 kA
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) 400 A (500 V) 400 A (690 V) 400 A
Rated Operational Current AC-22A (I_e)	(380 ... 415 V) 400 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)	(220 ... 240 V) 132 kW (400 ... 415 V) 230 kW (500 V) 280 kW (690 V) 400 kW
Rated Operational Voltage	Main Circuit 1000 V
Rated Short-Circuit Making Capacity (I_{cm})	(690 V) 65 kA
Rated Short-time Withstand Current Low Voltage (I_{cw})	for 1 s 15 kA
Special Functions	Wide phase distance
Standards	IEC 60947-3
Switches Operating Mechanism	Mechanism Between the Poles 12 (Between the Poles)
Terminal Type	Lug terminals
Terminal Width	25 mm
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

A2L Certificate – IEC	1SCC301337D0201
ATEX Certificate	No certification needed
BV Certificate	1SCC301103D0201
Declaration of Conformity - CE	1SCC301135D2704
DNV GL Certificate	1SCC301174D0204
GL Certificate	1SCC301139D0201
LR Certificate	1SCC301144D0201
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	5. Small Equipment (No External Dimension More Than 50 cm)
E-Number (Finland)	3660830

Categories

Low Voltage Products and Systems → Switches → Switch Disconnectors



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