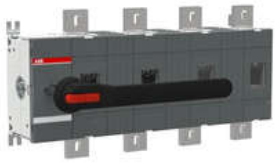
PRODUCT-DETAILS

OT1250E04W4P

OT1250E04W4P SWITCH-DISCONNECTOR



General Information

Extended Product Type	OT1250E04W4P
Product ID	1SCA022866R2220
EAN	6417019335407
Catalog Description	OT1250E04W4P 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 Instructions	1SCC301120M0201
Environmental Information	1SCC301233D0201
Environmental Product Declaration - EPD	1SCC301300D0201

Material Compliance

Conflict Minerals Reporting Template (CMRT)	9AKK108467A5658
REACH Declaration	1SCC011021D0201

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RoHS Information	1SCC011020D0201
RoHS Status	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	1SCC301047M0213
Mechanical Drawings	1SCC301911F0001 1SCC301910F0001 OT1250E04W4.igs
Environmental Product Declaration - EPD	1SCC301300D0201
End of Life Instructions	1SCC301120M0201

Environmental

Degree of Protection	Front IP00
Environmental Information	1SCC301233D0201
Pollution Degree	3

Ordering

Minimum Order Quantity	1 piece
Customs Tariff Number	85365080
Country of Origin	Finland (FI)

Dimensions

Product Net Width	594.5 mm
Product Net Height	306 mm
Product Net Depth / Length	145.5 mm
Product Net Weight	23 kg

Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	400 mm
Package Level 1 Depth / Length	613 mm
Package Level 1 Height	170 mm
Package Level 1 Gross Weight	24.8 kg
Package Level 1 EAN	6417019335407

Technical

Conventional Free-air Thermal Current (I_{th})	Θ = 40 °C 1250 A
Conventional Thermal Current (I_{the})	Fully Enclosed 1250 A
Degree of Protection	Front IP00
Distance Between Phases	Phase distance 140 mm
Fourth Pole Position	Right Side

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Fourth Pole Type	Switched - Simultaneous Function
Handle Color	Black
Handle Type	Handle and shaft included
Lock Type	Yes
Mechanical Durability	6000
Mounting Type	Base mounting
Number of Poles	4P
Operating Mode	Front operated
Pollution Degree	3
Position of Line Terminals	Top In - Bottom Out Bottom In - Top Out
Power Loss	at Rated Operating Conditions per Pole 29 W
Rated Conditional Short-Circuit Current (I_{nc})	(1250 A fuse, 415 V) 80 kA (1250 A fuse, 500 V) 100 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) 1250 A (500 V) 1250 A (690 V) 1250 A
Rated Operational Current AC-22A (I_e)	(380 ... 415 V) 1250 A (500 V) 1250 A (690 V) 1250 A
Rated Operational Current AC-23A (I_e)	(380 ... 415 V) 1250 A (500 V) 1250 A (690 V) 1250 A
Rated Operational Power AC-23A (P_e)	(400 ... 415 V) 710 kW (500 V) 900 kW (690 V) 1200 kW
Rated Operational Voltage	Main Circuit 1000 V
Rated Short-Circuit Making Capacity (I_{cm})	(690 V) 92 kA
Rated Short-time Withstand Current Low Voltage (I_{cw})	for 1 s 50 kA
Special Functions	Wide phase distance 140
Standards	IEC 60947-3
Switches Operating Mechanism	Mechanism at the End of the Switch 04 (Left Side)
Terminal Type	Lug terminals
Terminal Width	50 mm
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	1SCC301155D2704
DNV GL Certificate	1SCC301184D0203
UL Certificate	No certification needed
VDE Certificate	No certification needed

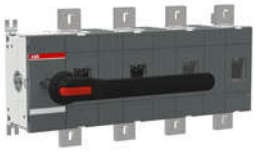
Classifications

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Object Classification Code	Q
ETIM 8	EC000216 - Switch disconnector
ETIM 9	EC000216 - Switch disconnector (low voltage)
eClass	V11.1 : 27371403
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
E-Number (Finland)	3660833

Categories

Low Voltage Products and Systems → Switches → Switch Disconnectors



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