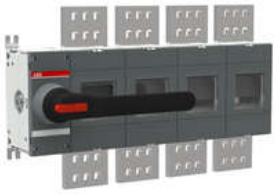
PRODUCT-DETAILS

OT2500E04K

OT2500E04K SWITCH-DISCONNECTOR



General Information

Extended Product Type	OT2500E04K
Product ID	1SCA108363R1001
EAN	6417019416786
Catalog Description	OT2500E04K SWITCH-DISCONNECTOR
Long Description	4-pole, side operated, base mounted switch-diconnector with black direct mount handle, terminal bolt kit included

ABB EcoSolutions

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

Material Compliance

Conflict Minerals	9AKK108467A5658

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Reporting Template (CMRT)	
REACH Declaration	1SCC011021D0201
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	1SCC301078M0205
Mechanical Drawings	1SCC301737F0002 1SCC301736F0002
Environmental Product Declaration - EPD	1SCC301304D0201
End of Life Instructions	1SCC301121M0201

Environmental

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

Ordering

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

Dimensions

Product Net Width	598.5 mm
Product Net Height	376.5 mm
Product Net Depth / Length	167 mm
Product Net Weight	33.3 kg 73.4 lb

Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	590 mm 23.23 in
Package Level 1 Depth / Length	790 mm 31.10 in
Package Level 1 Height	210 mm 8.27 in
Package Level 1 Gross Weight	50 kg 23 lb
Package Level 1 EAN	6417019416786

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Technical

Conventional Free-air Thermal Current (I_{th})	Θ = 40 °C 2500 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	Direct mounted pistol type handle
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 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	No
Standards	IEC 60947-3
Switches Operating Mechanism	Mechanism at the End of the Switch 04 (Left Side)
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

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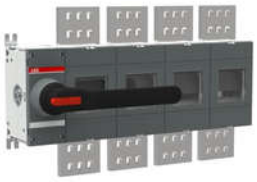
UL Certificate	No certification needed
VDE Certificate	No certification needed

Classifications

Object Classification Code	Q
ETIM 8	EC000216 - Switch disconnector
ETIM 9	EC000216 - Switch disconnector (low voltage)
eClass	V11.1 : 27371403
WEEE Category	4. Large Equipment (Any External Dimension More Than 50 cm)
E-Number (Finland)	3660823

Categories

Low Voltage Products and Systems → Switches → Switch Disconnectors



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