PRODUCT-DETAILS

OT160EVS04K

OT160EVS04K SWITCH-DISCONNECTOR



General Information

Extended Product Type	OT160EVS04K
Product ID	1SCA120565R1001
EAN	6417019520346
Catalog Description	OT160EVS04K 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 Disassembling Instructions	1SCC301117M0201
Environmental Information	1SCC301265D0201
Environmental Product Declaration - EPD	1SCC301282D0201

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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	1SCC301068M0204
Mechanical Drawings	1SCC301654F0001 1SCC301653F0001 OT200ES04K.igs
Environmental Product Declaration - EPD	1SCC301282D0201

Environmental

Degree of Protection	Front IP00
Environmental Information	1SCC301265D0201
Pollution Degree	3

Ordering

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

Dimensions

Product Net Width	233.5 mm
Product Net Height	150 mm
Product Net Depth / Length	82 mm
Product Net Weight	2.2 kg

Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	170 mm 6.7 in
Package Level 1 Depth / Length	250 mm 9.8 in
Package Level 1 Height	155 mm 6.1 in
Package Level 1 Gross	2.4 kg

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Weight	5.2 lb
Package Level 1 EAN	6417019520346

Technical

Conventional Free-air Thermal Current (I_{th})	Θ = 40 °C 200 A
Conventional Thermal Current (I_{the})	Fully Enclosed 160 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
Mechanical Durability	20000
Mounting Type	Base mounting
Number of Poles	4P
Operating Mode	Side
Pollution Degree	3
Position of Line Terminals	Top In - Bottom Out Bottom In - Top Out
Power Loss	at Rated Operating Conditions per Pole 3.2 W
Rated Conditional Short-Circuit Current (I_{nc})	(315 A fuse, 500 V) 100 kA (355 A fuse, 690 V) 80 kA (250 A fuse, 690 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) 200 A (500 V) 200 A (690 V) 200 A
Rated Operational Current AC-22A (I_e)	(380 ... 415 V) 200 A (500 V) 200 A (690 V) 160 A
Rated Operational Current AC-23A (I_e)	(380 ... 415 V) 160 A (500 V) 160 A (690 V) 160 A
Rated Operational Power AC-23A (P_e)	(220 ... 240 V) 48 kW (400 ... 415 V) 88 kW (500 V) 112 kW (690 V) 144 kW
Rated Operational Voltage	Main Circuit 1000 V
Rated Short-Circuit Making Capacity (I_{cm})	(690 V) 30 kA
Rated Short-time Withstand Current Low Voltage (I_{cw})	for 1 s 8 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 15 … 22 N·m

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Technical UL/CSA

Tightening Torque	acc. IEC 60947-1 15 … 22 N·m

Certificates and Declarations

A2L Certificate – IEC	1SCC301337D0201
ATEX Certificate	No certification needed
Declaration of Conformity - CE	1SCC301131D2705
DNV GL Certificate	1SCC301174D0204
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)	3601475

Categories

Low Voltage Products and Systems → Switches → Switch Disconnectors



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