PRODUCT-DETAILS

OT630ES03K

OT630ES03K SWITCH-DISCONNECTOR



General Information

Extended Product Type	OT630ES03K
Product ID	1SCA022860R2320
EAN	6417019308944
Catalog Description	OT630ES03K SWITCH-DISCONNECTOR
Long Description	3-pole, side operated, base mounted switch-diconnector with black direct mount handle, terminal bolt kit included

ABB EcoSolutions

End of Life Instructions	1SCC301119M0201
Environmental Information	1SCC301232D0201
Environmental Product Declaration - EPD	1SCC301284D0201

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	1SCC301071M0205
Mechanical Drawings	1SCC301676F0001 1SCC301675F0001 OT800ES03K.igs
Environmental Product Declaration - EPD	1SCC301284D0201
End of Life Instructions	1SCC301119M0201

Environmental

Degree of Protection	Front IP00
Environmental Information	1SCC301232D0201
Pollution Degree	3

Ordering

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

Dimensions

Product Net Width	341 mm
Product Net Height	250 mm
Product Net Depth / Length	130 mm
Product Net Weight	7.1 kg

Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	270 mm
Package Level 1 Depth / Length	420 mm
Package Level 1 Height	220 mm
Package Level 1 Gross Weight	7.8 kg
Package Level 1 EAN	6417019308944

Technical

Conventional Free-air Thermal Current (I_{th})	Θ = 40 °C 630 A
Conventional Thermal Current (I_{the})	Fully Enclosed 630 A
Degree of Protection	Front IP00
Distance Between Phases	Standard
Handle Color	Black

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Handle Type	Direct mounted pistol type handle
Lock Type	Yes
Mechanical Durability	10000
Mounting Type	Base mounting
Number of Poles	3P
Operating Mode	Side operated
Pollution Degree	3
Position of Line Terminals	Top In - Bottom Out Bottom In - Top Out
Power Loss	at Rated Operating Conditions per Pole 25 W
Rated Conditional Short-Circuit Current (I_{nc})	(800 A fuse, 500 V) 100 kA (800 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) 630 A (500 V) 630 A (690 V) 630 A
Rated Operational Current AC-22A (I_e)	(380 ... 415 V) 630 A (500 V) 630 A (690 V) 630 A
Rated Operational Current AC-23A (I_e)	(380 ... 415 V) 630 A (500 V) 630 A (690 V) 630 A
Rated Operational Power AC-23A (P_e)	(220 ... 240 V) 200 kW (400 ... 415 V) 355 kW (500 V) 400 kW (690 V) 630 kW
Rated Operational Voltage	Main Circuit 1000 V
Rated Short-Circuit Making Capacity (I_{cm})	(690 V) 80 kA
Rated Short-time Withstand Current Low Voltage (I_{cw})	for 1 s 20 kA
Special Functions	No
Standards	IEC 60947-3
Switches Operating Mechanism	Mechanism at the End of the Switch 03 (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	1SCC301337D0201
ATEX Certificate	No certification needed
Declaration of Conformity - CE	1SCC301140D2704
DNV GL Certificate	1SCC301184D0203
UL Certificate	No certification needed
VDE Certificate	No certification needed

Classifications

Object Classification Code	Q
ETIM 8	EC000216 - Switch disconnector

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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)	3660846

Categories

Low Voltage Products and Systems → Switches → Switch Disconnectors



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