PRODUCT-DETAILS

OT800ES03K

OT800ES03K SWITCH-DISCONNECTOR



General Information

Extended Product Type	OT800ES03K
Product ID	1SCA022860R2750
EAN	6417019308982
Catalog Description	OT800ES03K 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	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	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	6417019308982

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Technical

Conventional Free-air Thermal Current (I_{th})	Θ = 40 °C 800 A
Conventional Thermal Current (I_{the})	Fully Enclosed 800 A
Degree of Protection	Front IP00
Distance Between Phases	Standard
Handle Color	Black
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 40 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) 800 A (500 V) 800 A (690 V) 800 A
Rated Operational Current AC-22A (I_e)	(380 ... 415 V) 800 A (500 V) 800 A (690 V) 800 A
Rated Operational Current AC-23A (I_e)	(380 ... 415 V) 800 A (500 V) 800 A (690 V) 800 A
Rated Operational Power AC-23A (P_e)	(220 ... 240 V) 250 kW (400 ... 415 V) 450 kW (500 V) 560 kW (690 V) 800 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

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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
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)	3660848

Categories

Low Voltage Products and Systems → Switches → Switch Disconnectors



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