PRODUCT-DETAILS

OT315ES03

OT315ES03 SWITCH-DISCONNECTOR



General Information

Extended Product Type	OT315ES03
Product ID	1SCA022860R1270
EAN	6417019308838
Catalog Description	OT315ES03 SWITCH-DISCONNECTOR
Long Description	3-pole, side operated, base mounted switch-diconnector, handle and shaft are not included, terminal bolt kit included

ABB EcoSolutions

End of Life Instructions	1SCC301118M0201
Environmental Information	1SCC301266D0201
Environmental Product Declaration - EPD	1SCC301283D0201

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	1SCC301070M0207
Mechanical Drawings	1SCC301660F0001 1SCC301659F0001
Environmental Product Declaration - EPD	1SCC301283D0201
End of Life Instructions	1SCC301118M0201

Environmental

Degree of Protection	Front IP00
Environmental Information	1SCC301266D0201
Pollution Degree	3

Ordering

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

Dimensions

Product Net Width	226 mm
Product Net Height	185 mm
Product Net Depth / Length	107 mm
Product Net Weight	3.2 kg 7.1 lb

Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	250 mm 9.8 in
Package Level 1 Depth / Length	290 mm 11.4 in
Package Level 1 Height	170 mm 6.7 in
Package Level 1 Gross Weight	3.5 kg 7.7 lb
Package Level 1 EAN	6417019308838

Technical

Conventional Free-air Thermal Current (I_{th})	Θ = 40 °C 315 A
Conventional Thermal Current (I_{the})	Fully Enclosed 315 A
Degree of Protection	Front IP00

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Distance Between Phases	Standard
Handle Type	Handle and shaft not included
Lock Type	No
Mechanical Durability	16000
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 6.5 W
Rated Conditional Short-Circuit Current (I_{nc})	(500 A fuse, 500 V) 100 kA (500 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) 315 A (500 V) 315 A (690 V) 315 A
Rated Operational Current AC-22A (I_e)	(380 ... 415 V) 315 A (500 V) 315 A (690 V) 315 A
Rated Operational Current AC-23A (I_e)	(380 ... 415 V) 315 A (500 V) 315 A (690 V) 315 A
Rated Operational Power AC-23A (P_e)	(220 ... 240 V) 100 kW (400 ... 415 V) 180 kW (500 V) 220 kW (690 V) 315 kW
Rated Operational Voltage	Main Circuit 1000 V
Rated Short-Circuit Making Capacity (I_{cm})	(690 V) 65 kA
Rated Short-time Withstand Current Low Voltage (I_{cw})	for 1 s 15 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 30 … 44 N·m

Technical UL/CSA

Tightening Torque	acc. IEC 60947-1 30 … 44 N·m

Certificates and Declarations

A2L Certificate - IEC	1SCC301337D0201
ATEX Certificate	No certification needed
Declaration of Conformity - CE	1SCC301135D2704
DNV GL Certificate	1SCC301174D0204
UL Certificate	No certification needed
VDE Certificate	No certification needed

Classifications

Object Classification Code	Q

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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)	3661709

Categories

Low Voltage Products and Systems → Switches → Switch Disconnectors



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