PRODUCT-DETAILS

OT315E22P

OT315E22P SWITCH-DISCONNECTOR



General Information

Extended Product Type	OT315E22P
Product ID	1SCA022727R4270
EAN	6417019235585
Catalog Description	OT315E22P SWITCH-DISCONNECTOR
Long Description	4-pole, front operated, base mounted switch-diconnector with black IP65 handle and shaft, terminal bolt kit included

ABB EcoSolutions

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

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	1SCC301035M0019
Mechanical Drawings	1SCC301288F0001 1SCC301287F0001 OT315-400E22.igs
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	240 mm
Product Net Height	185 mm
Product Net Depth / Length	107 mm
Product Net Weight	3.9 kg 8.5 lb

Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	220 mm 8.7 in
Package Level 1 Depth / Length	260 mm 10.2 in
Package Level 1 Height	155 mm 6.1 in
Package Level 1 Gross Weight	4.2 kg 9.3 lb
Package Level 1 EAN	6417019235585

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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
Distance Between Phases	Standard
Fourth Pole Position	Right Side
Fourth Pole Type	Switched - Simultaneous Function
Handle Color	Black
Handle Type	Handle and shaft included
Lock Type	Yes
Mechanical Durability	16000
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 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 Between the Poles 22 (Between the Poles)
Terminal Type	Lug terminals
Terminal Width	25 mm
Tightening Torque	acc. IEC 60947-1 30 … 44 N·m

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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
BV Certificate	1SCC301103D0201
Declaration of Conformity - CE	1SCC301135D2704
DNV GL Certificate	1SCC301174D0204
GL Certificate	1SCC301139D0201
LR Certificate	1SCC301144D0201
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)	3661418
E-Number (Norway)	4337865

Categories

Low Voltage Products and Systems → Switches → Switch Disconnectors



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