

PRODUCT-DETAILS

# OT315E01

## OT315E01 SWITCH-DISCONNECTOR



### General Information

Extended Product Type	OT315E01
Product ID	1SCA022799R7200
EAN	6417019264851
Catalog Description	OT315E01 SWITCH-DISCONNECTOR
Long Description	1-pole, front operated, base mounted switch-diconductor, handle and shaft are not included, terminal bolt kit included

### Ordering

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

### Popular Downloads

Data Sheet, Technical Information	1SCC301020C0201
Instructions and Manuals	1SCC301035M0019
Mechanical Drawings	1SCC301274F0001 1SCC301273F0001

## Dimensions

Product Net Width	103 mm
Product Net Height	185 mm
Product Net Depth / Length	107 mm
Product Net Weight	1.4 kg 3.1 lb

## Technical

Rated Operational Current AC-21A ( $I_e$ )	(380 ... 415 V) 315 A (500 V) 315 A (690 V) 315 A (1000 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
Conventional Free-air Thermal Current ( $I_{th}$ )	$q = 40 \text{ }^\circ\text{C}$ 315 A
Conventional Thermal Current ( $I_{the}$ )	Fully Enclosed 315 A
Rated Impulse Withstand Voltage ( $U_{imp}$ )	12 kV
Rated Insulation Voltage ( $U_i$ )	acc. to IEC/EN 60664-1 1000 V
Rated Operational Voltage	Main Circuit 1000 V
Rated Short-Circuit Making Capacity ( $I_{cm}$ )	(690 V) 65 kA
Rated Short-time Withstand Current ( $I_{cw}$ )	for 1 s 15 kA
Power Loss	at Rated Operating Conditions per Pole 6.5 W
Pollution Degree	3
Handle Type	Handle and shaft not included
Switches Operating Mechanism	Mechanism at the End of the Switch 01 (Left Side)
Distance Between Phases	Standard
Position of Line Terminals	Top In - Bottom Out Bottom In - Top Out
Operating Mode	Front operated
Standards	IEC 60947-3
Special Functions	No
Mounting Type	Base mounting
Number of Poles	1
Degree of Protection	Front IP00
Terminal Type	Lug terminals

Tightening Torque	acc. IEC 60947-1 30...44 N·m
Mechanical Durability	16000
Lock Type	No

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## Environmental

RoHS Status	Following EU Directive 2011/65/EU
Environmental Information	1SCC301149D0202

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## Certificates and Declarations (Document Number)

Declaration of Conformity - CE	1SCC301135D2704
DNV GL Certificate	1SCC301174D0204
Environmental Information	1SCC301149D0202
Instructions and Manuals	1SCC301035M0019
RoHS Information	1SCC301149D0203

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## Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	210 mm 8.3 in
Package Level 1 Depth / Length	210 mm 8.3 in
Package Level 1 Height	150 mm 5.9 in
Package Level 1 Gross Weight	1.6 kg 3.5 lb
Package Level 1 EAN	6417019264851

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## Classifications

Object Classification Code	Q
ETIM 5	EC000216 - Switch disconnecter
ETIM 6	EC000216 - Switch disconnecter
ETIM 7	EC000216 - Switch disconnecter
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)

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## Categories

Low Voltage Products and Systems → Switches → Switch Disconnectors

