PRODUCT-DETAILS

OT315KGCC3T

OT315KGCC3T Safety switch



General Information

Extended Product Type	OT315KGCC3T
Product ID	1SCA022277R0220
EAN	6417019063324
Catalog Description	OT315KGCC3T Safety switch
Long Description	Safety switch, 3-p. 415V AC23 315A, 160kW. Mounted auxiliary contact: 2NO1NC. Plastic enclosure. IP65. Black Pistol handle. Interlocked cover. Defeatable interlocking. The enclosure in the OT series is using a rigid glass reinforced polycarbonate enclosure. The enclosure is UV protected, protected against low-pressure water jets (IP65), and hence built for outdoor and indoor use. The cable entries knock out types for II-flanges. Cables can be inserted from bottom. The handle is padlockable and made for three padlocks. The cover is interlocked. The interlocking can be defeated. PE terminals included.

Material Compliance

Conflict Minerals Reporting Template (CMRT)	9AKK108467A5658
REACH Declaration	1SCC340076D0201
RoHS Declaration	1SCC340075D0201

© 2025 ABB. All rights reserved.

RoHS Information	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
SCIP	0854d0ee-50d4-4938-99e8-1c3a71437af6 Finland
Simplified SCIP	617c639f-b86f-4234-aabb-f59502e1ab60 Germany 5a3bbba8-af23-4feb-a212-303d9db6e762 France 4dce9729-ebc4-40ae-a814-8fa1fcc6a757 Poland f42274ab-94f0-489a-a336-5d8b3a5c47ee Poland baf2c238-11dd-47b2-b930-4bf84ce7707d Bulgaria 3ae470c0-5fb0-4adc-9872-4b3402914154 Portugal 3610cf18-8cbe-4cd5-8e5d-cccaf07619cc Denmark 557e2ae6-3ee2-4c1d-861f-897e5f2787af Sweden cd361a9e-97d2-4700-a53b-66b50f48b728 Greece 9c867b92-03e9-432c-83c1-473d7e416c4d Croatia 7214a3d0-582a-4c7f-9904-5ce49ab4d691 Czech Republic 25f534df-0e7a-44fd-80b9-760ea24d7675 Belgium 84b23cfa-f431-4875-a29c-8383d528b977 Poland 3dc3d828-8e01-40eb-a87f-08b33aeb7cc9 Norway 4512dbff-7e78-4d84-bc8a-318663ebdfe6 Hungary a228dcf2-be9b-43d8-9318-3a7d651eb33e Italy 7ad910a4-6ebb-4d16-9fcd-de00756a1599 Spain 6c9d7b6b-bbca-45a6-b6a1-1ba5bb5ef483 Hungary 23d60ecb-b779-47db-8d89-b83393a0a240 Netherlands 6937628f-a50e-4e61-8c6e-6c3d3ed1de22 Germany 0539d41e-dd3c-4535-ba00-d710a8820550 Germany 6185cf85-f8f0-44c7-abb6-7c119b54984c Estonia 325e99d6-52d2-4736-87e8-bdc49a53e301 Germany 5ee92bae-468f-4945-a3bf-855413838dea Sweden fb5ac46c-4206-4e8c-8999-7d3c403395fe France 51f0c1da-5cf0-4cd8-adf5-cee365fc23ab Germany ad076fb3-2768-42cd-8c08-07049c6bc2be Belgium
Toxic Substances Control Act - TSCA	1SCC340095D0201

Popular Downloads

Data Sheet, Technical Information	1SCC340015C0201
Instructions and Manuals	1SCC340015M0004
Mechanical Drawings	OTPK563818PII.stp

Environmental

Degree of Protection	acc. to IEC 60529 IP65
Pollution Degree	3

Ordering

Minimum Order Quantity	1 piece
Customs Tariff Number	85363090
Country or Territory of Origin	Finland

Dimensions

Product Net Width	380 mm
Product Net Height	560 mm
Product Net Depth / Length	180 mm
Product Net Weight	7.366 kg

© 2025 ABB. All rights reserved.

Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	415 mm
Package Level 1 Depth / Length	710 mm
Package Level 1 Height	325 mm
Package Level 1 Gross Weight	9.3 kg
Package Level 1 EAN	6417019063324

Technical

Cable Entry Position	Bottom/Bottom
Cable Outlets Per Side	II-flange / II-flange
Color	RAL7035
Connecting Capacity Main Circuit	Hole Diameter 10 mm Screw Clamp / PE Terminal 4pc,25 ... 120 mm²
Conventional Thermal Current (I_{the})	Fully Enclosed 315 A
Degree of Protection	acc. to IEC 60529 IP65
Enclosure Material	Plastic
Handle Color	Black
Handle Type	Pistol handle
Impact Resistance Rating	Housing IK08
Maximum Mounted Auxiliary Contacts	2 NO, 2 NC
Mounted Auxiliary Contacts	2 NO, 1 NC
Neutral Type	No Neutral Terminal
Number of Auxiliary Contacts NC	1
Number of Auxiliary Contacts NO	2
Number of Poles	3P
Pollution Degree	3
Position of Line Terminals	Bottom In - Bottom Out
Position of PE Terminals	Bottom In - Bottom Out
Power Loss	at Rated Operating Conditions per Pole 6.5 W
Rated Conditional Short-Circuit Current (I_{nc})	61.5 kA
Rated Insulation Voltage (U_i)	750 V
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)	(380 ... 415 V) 160 kW (500 V) 200 kW (690 V) 250 kW
Rated Operational Voltage	Main Circuit 1000 V
Rated Short-Circuit Making Capacity (I_{cm})	(1000 V AC) 65 kA

© 2025 ABB. All rights reserved.

Rated Short-time Withstand Current Low Voltage (I_{cw})	for 1 s 15 kA
Recommended Screw Driver	Main Circuit M10
Standards	IEC 60947-1, -3
Tightening Torque	Main Circuit 44 N·m

Technical UL/CSA

Recommended Screw Driver	Main Circuit M10
Tightening Torque	Main Circuit 44 N·m

Certificates and Declarations

Declaration of Conformity - CE	1SCC340025D2704

External Classifications and Standards

Object Classification Code	Q
ETIM 9	EC000216 - Switch disconnector (low voltage)
ETIM 10	EC000216 - Switch disconnector (AC)
UNSPSC	39122205
IDEA Granular Category Code (IGCC)	5166 >> Safety switch
eClass	V11.1 : 27371403
WEEE Category	4. Large Equipment (Any External Dimension More Than 50 cm)
E-Number (Finland)	3642413
E-Number (Norway)	1429340

Categories

Low Voltage Products and Systems → Enclosed Switches → Enclosed Safety Switches → Enclosed Safety Switches

© 2025 ABB. All rights reserved.





© 2025 ABB. All rights reserved.