PRODUCT-DETAILS

OT250KGCC3T

OT250KGCC3T Safety switch



General Information

Extended Product Type	OT250KGCC3T
Product ID	1SCA022276R9640
EAN	6417019063294
Catalog Description	OT250KGCC3T Safety switch
Long Description	Safety switch, 3-p. 415V AC23 250A, 132kW. 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	5fff9358-d1d3-4298-bd33-41a98481c120 Finland
Simplified SCIP	e533feb0-37d2-4b35-bbeb-0fae6e84a09b Germany 6fbebdc4-9749-4673-b4ba-8636c5241c37 Germany 93ce4441-d707-4b32-99e5-bed79310724a Belgium 2041a196-b340-4f2b-a20d-f1cc7c265207 Italy 521b136a-6169-4248-adf3-49e82fd31f4a Norway 9ae0045c-0a29-48f3-9f01-1b3afcac809a France dc8b4af5-6452-4a4d-9b7e-f423437f4cfc Denmark cbd711fd-ef42-4683-a0a1-123ae6f611af Poland 0598e6ed-bf2a-41c2-8c99-12167f157a0f Portugal 47585e8f-a69a-44af-82f6-3b5b239b3289 Estonia ebb981f0-77ba-43ac-a825-cc99b2b33b50 Greece 8758b683-848f-4c0a-b44d-7028b2ae9b3f Netherlands 64cc9d65-46dc-4535-bd30-4c7eba728288 France 79d628af-ba84-4e4a-b3ca-129d533bd220 Germany f9ee1dd4-0b09-441e-91fa-65767ad37e51 Croatia c7e2e3f8-b25d-4a0b-9dd9-8b6a531b4d1e Germany 0a5be152-e051-4fbb-aade-14389a975079 Belgium 351f954c-2952-47f9-b86b-ca356a0bfd36 Sweden 2226ec41-4ad6-49d5-9c7e-8438c30051f5 Hungary ddf4a23a-432d-46c6-a384-ef7cdef68726 Sweden c3e97df4-43e8-42eb-9477-386b85ba956c Spain 79ac41e3-6941-4708-adcd-5d28e3254f98 Germany c4ea2ead-9d96-4a4e-a24b-eac3fd629e2a Hungary 2bb8a2c9-e04f-4fa4-a788-c63675a279e4 Poland b2513d6d-eefa-4e48-a338-951e3925161b Czech Republic 83faff11-845c-4ed0-8327-346316a45afa Poland 39ad2bd5-86ee-4667-84b9-93904a69b75e Bulgaria
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	6417019063294

Technical

Cable Entry Position	Bottom/Bottom
Cable Outlets Per Side	II-flange / II-flange
Color	RAL7035
Connecting Capacity Main Circuit	Hole Diameter 8 mm Screw Clamp / PE Terminal 2pc,10 ... 70 mm²
Conventional Thermal Current (I_{the})	Fully Enclosed 250 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})	40.5 kA
Rated Insulation Voltage (U_i)	750 V
Rated Operational Current AC-22A (I_e)	(380 ... 415 V) 250 A (500 V) 250 A (690 V) 250 A
Rated Operational Current AC-23A (I_e)	(380 ... 415 V) 250 A (500 V) 250 A (690 V) 250 A
Rated Operational Power AC-23A (P_e)	(380 ... 415 V) 132 kW (500 V) 160 kW (690 V) 200 kW
Rated Operational Voltage	Main Circuit 1000 V
Rated Short-Circuit Making Capacity (I_{cm})	(1000 V AC) 30 kA

© 2025 ABB. All rights reserved.

Rated Short-time Withstand Current Low Voltage (I_{cw})	for 1 s 8 kA
Recommended Screw Driver	Main Circuit M8
Standards	IEC 60947-1, -3
Tightening Torque	Main Circuit 22 N·m

Technical UL/CSA

Recommended Screw Driver	Main Circuit M8
Tightening Torque	Main Circuit 22 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)	3642408
E-Number (Norway)	1429338

Categories

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

© 2025 ABB. All rights reserved.





© 2025 ABB. All rights reserved.