PRODUCT-DETAILS

OT630KGCC3T

OT630KGCC3T Safety switch



General Information

Extended Product Type	OT630KGCC3T
Product ID	1SCA022277R1460
EAN	6417019063386
Catalog Description	OT630KGCC3T Safety switch
Long Description	Safety switch, 3-p. 415V AC23 570A, 315kW. 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	f658a413-0da8-4176-aa7b-960e9484d669 Finland
Simplified SCIP	4b59564c-9bd0-4bf4-9a96-6973fb26f569 Germany ae3091de-2b62-4117-9565-425cca82104b Belgium ae3091de-2b62-4117-9565-425cca82104b Belgium f56878b6-710f-41e6-bc42-67daa2e814b8 Norway 7abeae8b-311b-4cc9-a1cd-b3b59a6c8ec6 Poland 914b644f-2364-4f2b-8952-d6a5148fcc19 Belgium bf968454-aa80-4772-8eac-087c8a2e0db6 Netherlands f24464d2-156e-4287-b056-2e3e03bdea5e Bulgaria bd06a478-01fb-4fa9-80aa-73e3b9072aec Sweden f56878b6-710f-41e6-bc42-67daa2e814b8 Norway 0d29c34d-1957-4176-ac83-fca0b00ab84c Germany 63fb0c8d-991c-4932-bc21-a1d4c470d54c Hungary 150d7a39-7bd2-4529-85c3-12a7eb95032b France b72063e4-c19b-45a5-b7c2-3c546c3bfd00 Denmark 3141c21f-3b3f-45fa-971f-90da1987e881 Croatia a652eb1a-572c-4ba2-8036-0deec4e0a3ab Germany 2006bfd9-7562-4875-a8df-9b7519e0d4a4 Czech Republic f69fd52d-7778-4ebd-8869-1f08926107f3 Greece 06cd74ce-fdb3-4531-ac12-f10b9b4e522a Estonia bf968454-aa80-4772-8eac-087c8a2e0db6 Netherlands 569e2d56-6d1b-4edb-8792-48df042b7ceb Poland debc6232-baf4-4590-b38c-84b631cf9134 Germany 2399e11e-4596-460a-a579-0867672d7d4e Hungary 2006bfd9-7562-4875-a8df-9b7519e0d4a4 Czech Republic 569e2d56-6d1b-4edb-8792-48df042b7ceb Poland 53228049-a807-4310-9c33-f1f57ea0d7b0 Italy 06cadb90-f70b-4a8b-9270-f9fbd5b5371a Germany 4192ed51-21fc-442a-89ce-b9902e6c475c Poland f24464d2-156e-4287-b056-2e3e03bdea5e Bulgaria 2bd89e3f-d943-4864-ac7f-689705f3fda1 France bd06a478-01fb-4fa9-80aa-73e3b9072aec Sweden 1d20f678-8624-4645-af7c-2987167538e5 Spain b72063e4-c19b-45a5-b7c2-3c546c3bfd00 Denmark 1d20f678-8624-4645-af7c-2987167538e5 Spain 914b644f-2364-4f2b-8952-d6a5148fcc19 Belgium 2bd89e3f-d943-4864-ac7f-689705f3fda1 France 53228049-a807-4310-9c33-f1f57ea0d7b0 Italy 150d7a39-7bd2-4529-85c3-12a7eb95032b France a652eb1a-572c-4ba2-8036-0deec4e0a3ab Germany 9b4605ab-d39e-4ca5-ae86-09b4dbe17ad7 Sweden 06cadb90-f70b-4a8b-9270-f9fbd5b5371a Germany debc6232-baf4-4590-b38c-84b631cf9134 Germany 63fb0c8d-991c-4932-bc21-a1d4c470d54c Hungary 0d29c34d-1957-4176-ac83-fca0b00ab84c Germany 3141c21f-3b3f-45fa-971f-90da1987e881 Croatia f9642fad-345f-4e6d-ac37-2efe659f0f09 Portugal 06cd74ce-fdb3-4531-ac12-f10b9b4e522a Estonia f69fd52d-7778-4ebd-8869-1f08926107f3 Greece 7abeae8b-311b-4cc9-a1cd-b3b59a6c8ec6 Poland 2399e11e-4596-460a-a579-0867672d7d4e Hungary f9642fad-345f-4e6d-ac37-2efe659f0f09 Portugal 9b4605ab-d39e-4ca5-ae86-09b4dbe17ad7 Sweden 4192ed51-21fc-442a-89ce-b9902e6c475c Poland
Toxic Substances Control Act - TSCA	1SCC340095D0201

Popular Downloads

Data Sheet, Technical Information	1SCC340015C0201
Instructions and Manuals	1SCC340015M0004
Mechanical Drawings	OTPK765625P2II.stp

© 2025 ABB. All rights reserved.

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	560 mm
Product Net Height	760 mm
Product Net Depth / Length	250 mm
Product Net Weight	24.53 kg

Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	575 mm
Package Level 1 Depth / Length	780 mm
Package Level 1 Height	340 mm
Package Level 1 Gross Weight	26.7 kg
Package Level 1 EAN	6417019063386

Technical

Cable Entry Position	Bottom/Bottom
Cable Outlets Per Side	2xII-flange / 2xII-flange
Color	RAL7035
Connecting Capacity Main Circuit	Hole Diameter 12 mm Screw Clamp / PE Terminal 4pc,25 ... 120 mm²
Conventional Thermal Current (I_{the})	Fully Enclosed 570 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

© 2025 ABB. All rights reserved.

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 25 W
Rated Conditional Short-Circuit Current (I_{nc})	90 kA
Rated Insulation Voltage (U_i)	750 V
Rated Operational Current AC-22A (I_e)	(380 ... 415 V) 570 A (500 V) 570 A (690 V) 570 A
Rated Operational Current AC-23A (I_e)	(380 ... 415 V) 570 A (500 V) 570 A (690 V) 570 A
Rated Operational Power AC-23A (P_e)	(380 ... 415 V) 315 kW (500 V) 400 kW (690 V) 560 kW
Rated Operational Voltage	Main Circuit 1000 V
Rated Short-Circuit Making Capacity (I_{cm})	(1000 V AC) 80 kA
Rated Short-time Withstand Current Low Voltage (I_{cw})	for 1 s 20 kA
Recommended Screw Driver	Main Circuit M12
Standards	IEC 60947-1, -3
Tightening Torque	Main Circuit 75 N·m

Technical UL/CSA

Recommended Screw Driver	Main Circuit M12
Tightening Torque	Main Circuit 75 N·m

Certificates and Declarations

Declaration of Conformity - CE	1SCC340029D2704

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)	3642423

© 2025 ABB. All rights reserved.

Categories

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





© 2025 ABB. All rights reserved.