PRODUCT-DETAILS

OT250KFCC3T

OT250KFCC3T Safety switch



General Information

Extended Product Type	OT250KFCC3T
Product ID	1SCA022276R8830
EAN	6417019063256
Catalog Description	OT250KFCC3T 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 top and 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 Information	1SCC340075D0201
RoHS Status	Following EU Directive 2011/65/EU
SCIP	17fd61fa-5bdf-405f-b479-6e410e31a63d Finland (FI)

© 2024 ABB. All rights reserved.

Simplified SCIP	edb7c5ed-91ee-4879-89c3-4ed40ae8612d Germany (DE) 89e8acd3-33b3-47c9-a760-d594a45a87f0 Poland (PL) 3c5fa5fe-de7b-4097-b6e7-4997cdb53b6f Spain (ES) bfa28274-3760-47c5-b5c3-58198103767b Belgium (BE) 73a6b23e-2bda-4e2d-ae99-d43b4475548a Hungary (HU) 134c6c9d-d707-4666-b9e8-7ab570805edf Poland (PL) 695c241d-f03b-4275-a985-81f056907fc6 Bulgaria (BG) 0f93d6a4-3124-4cfa-87de-34ab2bcf25f5 Greece (GR) b9d0e652-f8fc-43fe-98fa-8b52f8e2dda0 Portugal (PT) 774c123d-5677-40ff-ba69-333482efe3d2 Sweden (SE) 5d8c58f4-80c6-4c1e-8ef0-279c721b51ba Estonia (EE) a9fbefe5-60c4-4f68-8d47-6e21060684d5 Hungary (HU) 9f523786-1992-473b-b53d-ef1ef9419772 Poland (PL) b606eca1-d121-404b-a86b-22c72a4806bf France (FR) c3c0839b-1bfb-4b18-8703-1c332424df3d Czech Republic (CZ) aa889c2e-4237-4b3d-b1e9-573b0be57f32 Germany (DE) 2e4f4b04-9f29-4f06-8101-dc82edc8fced France (FR) b010d8f4-a301-43af-8e70-ae3af9f57e18 Germany (DE) 56d30019-d24c-4085-a8a7-341f0ed01bd3 Netherlands (NL) e7921484-446d-41bc-8953-fdf9f36b5dc2 Sweden (SE) b8387355-0060-4a9f-ab74-1877b666ed24 Italy (IT) e009dfcc-8e26-4c43-9277-6dfaff613950 Germany (DE) e7eaad53-84bd-4943-8425-62c4ca58881a Croatia (HR) 17114208-0521-4ef0-b305-36d676a0e0bc Belgium (BE) 73218bb2-51d6-4f4d-ba28-26dcb446bd93 Norway (NO) b0719754-1cdd-40cc-b945-bde7b8128211 Denmark (DK) 1bc80046-df67-4507-8a47-f1dfd7d3162a Germany (DE)
Toxic Substances Control Act - TSCA	1SCC340095D0201

Popular Downloads

Data Sheet, Technical Information	1SCC340015C0201
Instructions and Manuals	1SCC340015M0004

Environmental

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

Ordering

Minimum Order Quantity	1 piece
Customs Tariff Number	85363090
Country of Origin	Finland (FI)

Dimensions

Product Net Width	280 mm
Product Net Height	560 mm
Product Net Depth / Length	130 mm
Product Net Weight	7.063 kg

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	9.3 kg

© 2024 ABB. All rights reserved.

Weight	
Package Level 1 EAN	6417019063256

Technical

Cable Entry Position	Top/Bottom
Cable Outlets Per Side	II-flange / II-flange
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	Top In - Bottom Out
Position of PE Terminals	Top 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)	acc. to IEC/EN 60664-1 1000 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
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

© 2024 ABB. All rights reserved.

Certificates and Declarations

Declaration of Conformity - CE	1SCC340025D2704

Classifications

Object Classification Code	Q
ETIM 8	EC000216 - Switch disconnector
ETIM 9	EC000216 - Switch disconnector (low voltage)
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)	3642406
E-Number (Norway)	1429308
E-Number (Sweden)	3140230

Categories

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





© 2024 ABB. All rights reserved.