PRODUCT-DETAILS

OT1000BFCC3T

OT1000BFCC3T Safety switch



General Information

Extended Product Type	OT1000BFCC3T
Product ID	1SCA022277R1620
EAN	6417019063393
Catalog Description	OT1000BFCC3T Safety switch
Long Description	Safety switch, 3-p. 415V AC23 1000A, 560kW. 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 Declaration	1SCC340075D0201

© 2025 ABB. All rights reserved.

RoHS Information	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
SCIP	25f610fb-8e3f-4c06-b2e9-e4660ee9ecf0 Finland
Simplified SCIP	8e090a8b-20af-4d97-bde8-be6f95084bdd Germany 92bf3885-d806-48aa-8e6b-e44ae4a7d9bb Netherlands eabe6f7f-edfd-411b-8757-1ea82d380f86 Hungary 07bc5920-978b-4d73-8c88-d5dc9a435018 Portugal 389e1269-2c2f-470a-956f-ae53335e4159 Greece a991a204-a8ad-4def-a4b4-f5835113b9b1 Estonia 0d648efb-f66f-4198-9043-c039d339fb27 Czech Republic 4e1ed47e-df07-4d7a-9010-8a41eaef932e Poland c2daf7d3-5efd-4abf-b2d0-822b3817022d Sweden 6eb12dd5-648b-4f65-92ff-157c32e43ecd Germany e7f0f8ca-a6ee-43d7-b500-e9d8673d4462 Belgium cd472bc9-5371-4557-a23f-e24c7475f439 Croatia a38f2564-3d86-4825-af90-6c033e5db798 Denmark 15fa2917-7918-4707-ae21-f28a63bd5d45 France 5ac84795-0d1e-4a6e-96a5-88e971347d34 Poland 09cc6b97-a332-4bc5-846d-bd45b6c30fe3 Spain f70259c7-f855-4349-966e-16b0a2d4aaa0 France 8a78fc1e-d0b5-4ab0-8d13-e4de375a1740 Germany f5978ac3-115f-42b1-b4c6-c92448c2bae3 Hungary 43eb069c-4d5f-4a4e-949f-f7e23654a370 Germany 8c1ccbee-5520-4c1b-a83b-620147be3221 Italy b64f47b7-18c9-4da2-8ffe-a669e51837e7 Germany 19728f47-a1ee-4c59-a2bb-55ec4da386f7 Poland c6ebc079-a1ce-4911-8be3-254695420025 Norway 61c13836-dc95-409b-8b25-2877b63c1110 Bulgaria 62ee7f9d-69ac-458f-b847-58d79c90771a Sweden 28053c04-5546-4813-bea8-485b5c42135c Belgium
Toxic Substances Control Act - TSCA	1SCC340095D0201

Popular Downloads

Data Sheet, Technical Information	1SCC340015C0201
Instructions and Manuals	1SCC340015M0004
Mechanical Drawings	OTPK765625P2II.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	560 mm
Product Net Height	760 mm
Product Net Depth / Length	250 mm
Product Net Weight	33.73 kg

© 2025 ABB. All rights reserved.

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	35.9 kg
Package Level 1 EAN	6417019063393

Technical

Cable Entry Position	Top/Bottom
Cable Outlets Per Side	2xII-flange / 2xII-flange
Color	RAL7032..7035
Connecting Capacity Main Circuit	Hole Diameter 12 mm Screw Clamp / PE Terminal 4pc,25 ... 120 mm²
Conventional Thermal Current (I_{the})	Fully Enclosed 1000 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 19 W
Rated Insulation Voltage (U_i)	750 V
Rated Operational Current AC-22A (I_e)	(380 ... 415 V) 1000 A (500 V) 1000 A (690 V) 1000 A
Rated Operational Current AC-23A (I_e)	(380 ... 415 V) 1000 A (500 V) 1000 A (690 V) 1000 A
Rated Operational Power AC-23A (P_e)	(380 ... 415 V) 560 kW (500 V) 710 kW (690 V) 1000 kW
Rated Operational Voltage	Main Circuit 1000 V
Rated Short-Circuit Making Capacity (I_{cm})	(690 V AC) 110 kA
Rated Short-time Withstand Current Low	for 1 s 50 kA

© 2025 ABB. All rights reserved.

Voltage (I_{cw})	
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	1SCC340042D2703

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)	3642431
E-Number (Norway)	1428983
E-Number (Sweden)	3140238

Categories

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

© 2025 ABB. All rights reserved.



© 2025 ABB. All rights reserved.