PRODUCT-DETAILS

OT1000BBCC3TZ

OT1000BBCC3TZ Safety switch



General Information

Extended Product Type	OT1000BBCC3TZ
Product ID	1SCA022340R3360
EAN	6417019115368
Catalog Description	OT1000BBCC3TZ Safety switch
Long Description	Safety switch, 3-p. 415V AC23 1000A, 560kW. Mounted auxiliary contact: 2NO1NC. Steel sheet enclosure. IP65. Black Pistol handle. Interlocked cover. Defeatable interlocking. The enclosed switch is using a galvanised steel enclosure, with polyester coating. It is suitable for outdoor use with respect to UV light and ingress protection. The enclosure have inbuilt gas pressure relief function to protect the user in case of an internal arc. The door is earthed via the hinges. The enclosure is prepared for single and parallell cables. Cable entry types can be blank , ring-flange or C-flange type (FL21), with different cable configuration, like top/bottom or bottom/bottom. The handle is padlockable for 3 padlocks, cover is interlocked, and interlock function can be bypassed for thermographing.

Material Compliance

Conflict Minerals Reporting Template (CMRT)	9AKK108467A5658

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REACH Declaration	1SCC340076D0201
RoHS Declaration	1SCC340075D0201
RoHS Information	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
SCIP	71b5b937-933d-42e0-8c5e-d86845655885 Finland
Simplified SCIP	6b507da1-8a0b-4af0-90fc-39e751225e28 Germany d29475e8-5af5-4a0f-a44e-339804b79f1a Hungary d7194df3-c1a0-4461-972f-679ac682e866 France 591d1bbb-41f7-410c-ac70-d91106ac9022 Belgium 4d3c305c-58d4-4c73-b4aa-4ae064454382 Belgium b1ff4634-f15e-4197-a61d-0474bbf12123 Germany 37182306-cfd0-42bc-9531-ed014bd15846 Croatia 7dd0b267-045b-4a4b-a8d8-89cdbd51585d Poland 9f15096c-e022-4013-a583-6593343b396c Estonia 625f272f-34f3-4b8d-8cf0-fb84d08a413d Greece af89794a-2632-4f3b-b8a4-5b949a9eaeb1 Portugal 6782d72a-4ff7-46f1-ab47-8b88b4d5ebaf Denmark ec2ebf2b-624a-4b40-a9f7-26a880148d5f Czech Republic 9fa6248f-e586-4f58-9ea9-dd6baa664594 Italy 6dce5422-7b43-4e55-b549-be538ebacbb3 Germany 328a3fc1-b77f-4b29-b9dd-f8303cc41d20 France f97b5969-0d80-445e-ad37-ce86e1ed7b4f Spain a2fd8e04-7d41-46b6-bc75-368f8903a265 Germany a3193086-0a60-42dc-9b27-5e11e68d5d5f Hungary d8d46df7-1224-4ebe-80d5-731656aeb22b Poland 8da14001-9e60-46d7-be48-cd9d5a9aea35 Netherlands 6378b6c8-5f9e-436e-bffd-6fe29ff78dfc Poland a51a0c01-5d84-47d7-85f6-d672e4e0d063 Norway ba3e446f-6b46-47e9-bac2-7aae80be1950 Sweden 3c73d7e8-ee9a-4312-b9ca-c658e76a07a8 Germany 3d5c02a8-f73c-4082-a491-6fcfb1d9772b Sweden d4e939a1-13cd-404b-939b-8b84274cafed Bulgaria
Toxic Substances Control Act - TSCA	1SCC340095D0201

Popular Downloads

Data Sheet, Technical Information	1SCC340015C0201
Instructions and Manuals	1SCC340016M0005
Mechanical Drawings	OTKM124033P3C.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	400 mm
Product Net Height	1200 mm
Product Net Depth /	330 mm

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Length	
Product Net Weight	61.73 kg

Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	425 mm
Package Level 1 Depth / Length	1310 mm
Package Level 1 Height	415 mm
Package Level 1 Gross Weight	64.6 kg
Package Level 1 EAN	6417019115368

Technical

Cable Entry Position	Top/Bottom
Cable Outlets Per Side	3xC-flange / 3xC-flange, Knock-outs: 10mm, 12.5mm, 20.5mm, 25.5mm, 32.5mm
Color	RAL7032
Connecting Capacity Main Circuit	Hole Diameter 12 mm Screw Clamp / PE Terminal 8pc,25 ... 120 mm²
Conventional Thermal Current (I_{the})	Fully Enclosed 1000 A
Degree of Protection	acc. to IEC 60529 IP65
Enclosure Material	Steel sheet
Handle Color	Black
Handle Type	Pistol handle
Impact Resistance Rating	Housing IK09
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

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Rated Short-Circuit Making Capacity (I_{cm})	(690 V AC) 110 kA
Rated Short-time Withstand Current Low Voltage (I_{cw})	for 1 s 50 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	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)	3642735
E-Number (Sweden)	3140616

Categories

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

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