PRODUCT-DETAILS

OT1000BAUC3TZ

OT1000BAUC3TZ Safety switch



General Information

Extended Product Type	OT1000BAUC3TZ
Product ID	1SCA022340R4170
EAN	6417019115337
Catalog Description	OT1000BAUC3TZ 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	071969e5-63b7-4c57-8051-23334f3a31ba Finland
Simplified SCIP	8d510922-cd98-42d3-b1c3-ffd977be09f9 Germany 3184b6c0-f3ff-45bb-a03d-4fe80bed898b Norway 0df32a06-64c1-460d-a08f-da35d011f9cc France c10f065a-1350-4617-9f71-37b872f50652 Belgium 4c6b266a-e2d4-4c00-b00c-16a27f8230ac Belgium 9fe236c2-1247-41ea-b127-db2a501ad494 Croatia 2dfd45c8-751f-40f4-8845-3be4b03e5180 Germany 7ff65bd4-6934-4332-9620-fdb19469c4cc Poland 129c555d-3776-40e1-9c9d-1bb0f6c5f1f2 Estonia 79569b6c-b769-47c9-a8aa-53f562ab6755 Greece b61d3652-1c62-4ed9-850c-9fcd86223f46 Portugal 2ef88616-bf76-4b75-a541-34a04e9991e8 Netherlands 93d44027-f455-4e68-b017-0e2806e9b8a3 Denmark b819e62f-0841-4a64-833d-090fe300b4df Spain 52a27317-49e0-461a-b49c-9bac9455a33f Hungary 2e5415a5-c64d-4bcd-b13a-eb5f4130c4ec Poland 5c2419f8-4f2d-4c56-bb43-83cc4bf6df71 France e766b66b-5252-4e27-b56a-96b6eccab12b Italy 44596357-c3c8-4f31-96f3-3e8a0237e8b0 Germany 579534c7-e112-4c69-a70a-b37d75c6a4c3 Sweden 3427fff2-ed6b-48c2-acf5-5aa43ea0f114 Germany 2d3402b1-b77a-4be6-aa00-393126867403 Hungary e6f173f7-4251-429a-aec8-56faac40f653 Germany 60b33135-5074-4e22-8a0f-535950c43d6b Czech Republic c09d1e37-616f-420e-9eb4-3ce2eb1f389d Poland 0cb5c6ab-1b15-460e-aeba-e090f8007b75 Sweden 51c162e8-c595-4bb0-9f40-c5fcda92577c Bulgaria
Toxic Substances Control Act - TSCA	1SCC340095D0201

Popular Downloads

Data Sheet, Technical Information	1SCC340015C0201
Instructions and Manuals	1SCC340016M0005
Mechanical Drawings	OTKM128033PBL6C.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	800 mm
Product Net Height	1200 mm
Product Net Depth /	330 mm

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Length	
Product Net Weight	69.87 kg

Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	815 mm
Package Level 1 Depth / Length	1310 mm
Package Level 1 Height	425 mm
Package Level 1 Gross Weight	74.9 kg
Package Level 1 EAN	6417019115337

Technical

Cable Entry Position	Bottom/Bottom
Cable Outlets Per Side	Blank / 6xC-flange, Knock-outs: 3x10mm, 12.5mm, 2x20.5mm, 2x25.5mm, 2x32.5mm
Color	RAL7032
Connecting Capacity Main Circuit	Hole Diameter 12 mm Screw Clamp / PE Terminal 10pc,25 ... 120 mm^2
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	Bottom In - Bottom Out
Position of PE Terminals	Bottom 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)	3642835
E-Number (Sweden)	3140658

Categories

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

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