PRODUCT-DETAILS

OT1000BAUC3AZ

OT1000BAUC3AZ Safety switch



General Information

Extended Product Type	OT1000BAUC3AZ
Product ID	1SCA022513R0610
EAN	6417019166551
Catalog Description	OT1000BAUC3AZ Safety switch
Long Description	Safety switch, 3-p. 415V AC23 1000A, 560kW. Mounted auxiliary contact: 2NO1NC. Steel sheet enclosure. IP65. RedYellow 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	b45ce7cc-6d79-450c-afa4-61ef6432e376 Finland
Simplified SCIP	d36325cd-6cfc-4f1b-80df-aa2dff7a307f Germany a41507f7-f21c-411e-8cce-f49bb29f8774 Poland a3fb2e87-37e2-4501-b1c1-dd85a9b2b6d1 Germany 94707700-69f8-4636-bd5b-58b36fd08697 Portugal 681c68df-92d6-4d54-a887-afb152934a43 Estonia 625113f1-f24b-48a9-b7dc-de7d569fda7b Greece 598ef77b-30cf-4121-bb28-4d25bc6c6a68 Netherlands 4dba508e-5e1f-4520-9c4e-d806385c6bd1 Poland 7f541301-1107-45d7-9c7d-976bb1fe41a7 Spain adb9e3d9-d60e-4662-aab7-bf4c238fba1f Denmark 34060fe9-e970-4345-a381-f01324ca5f53 Germany 7bb13de5-077d-4568-9f99-aefd138a6201 Belgium 6f89a95f-3c92-4c57-bc17-9b7342be3ac1 Germany aa03a308-b96c-4f1b-9965-1f19acfa10bd France 0e84c11c-1b8e-4e9a-b8b2-c0771ba5f8ef Hungary a2948755-05f3-448a-9d17-b43bfbb56c62 Czech Republic da501ddd-4ba5-44b0-86e0-9280a37a516c Poland 20208aa6-e7ef-4a59-8394-a77eba9e8363 Hungary 7b701010-67da-4de2-a7c8-4568ce85873c Croatia 424067ad-8ed2-4a3d-969d-008387b7b3ac Sweden de64e4db-7dd4-4855-a6cd-4a78ff371280 Italy b90a784c-f3eb-468e-a81f-5f406eb6c729 Germany 9d483f4d-10ad-42f1-87a3-380764fdda22 France d8616d21-9c5e-4d87-a0a3-ec3c7cf6006b Sweden 910504d4-67d9-449b-a4fe-c79855f2394a Bulgaria fbddfe9e-400d-43e4-88ef-19e287b95c1e Norway f9b8e605-14ec-4789-b1b8-dd3d98c33983 Belgium
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	62.77 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	67.8 kg
Package Level 1 EAN	6417019166551

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	Red / Yellow
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
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	for 1 s 50 kA

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Withstand Current Low 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)

Categories

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

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