PRODUCT-DETAILS

OT1000BAUR3TZ

OT1000BAUR3TZ Safety switch



General Information

Extended Product Type	OT1000BAUR3TZ
Product ID	1SCA022340R3950
EAN	6417019115344
Catalog Description	OT1000BAUR3TZ 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
REACH Declaration	1SCC340076D0201
RoHS Declaration	1SCC340075D0201
RoHS Information	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019

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SCIP	7c9c19c5-d2e9-45d8-afde-f7920622d478 Finland
Simplified SCIP	74967c4b-97f8-4fa0-8665-7192f448da90 Germany c1eaba15-b715-40e8-8db3-419cf09aa948 Denmark 4dfe582b-031c-4dc8-a092-df1de590d9c4 Poland 38522ab6-8b65-43f8-8944-8bd7f27b87e6 Estonia cc15d2aa-7c86-432a-b015-92118f472192 Greece 890b182c-776b-4afe-8c28-69af30a02113 Portugal 75247655-6c9f-48b7-834f-05fb8f93cf25 Netherlands ff1041b9-c1eb-4603-87fd-c6edbef6b2e1 Germany 31e075ff-4dab-4b26-8d5c-cec9474561f3 France 19931335-db7e-4183-bd2a-f08e2717ba2e Croatia 40568f7b-675c-42b4-961c-4b280dfee68c Germany 05cecc98-5946-4e6d-ba81-c5fb003eb33c Belgium 2955b23b-8275-44bb-b04d-e90b64940f86 Sweden 0934a97a-0640-4363-b083-c5a652362c59 Hungary d52f61a2-3bbb-4feb-a4f3-3ed39890422e Hungary 4eb26285-8ba1-4012-9423-21f6ac7bd05c Germany 3589243e-b6d5-4e18-b680-d3125650edc3 Sweden cec2e3b1-5e29-4a05-a2c0-f9a3d0887898 Spain 592d85f6-5d94-407b-a61c-33c3c21c20e9 Germany f943b093-6225-4721-9c48-2e5a092ba5c4 Poland 3ccd9ef8-5c41-414e-b8a3-3674d08f2652 Czech Republic 16b5a61b-95aa-4568-9832-df08604bf40e France 3e6116d7-3554-4263-9519-a488d2e5535f Italy 9befeffd-453b-4b3b-8db3-f03314b7df9d Poland e48faac8-917e-4d7c-89c7-c46bb1b85d9b Belgium 0e68438f-bb94-4b54-86df-9fcfa746ee4d Bulgaria 8cbfd512-4406-4448-a4d8-102b367e380b Norway
Toxic Substances Control Act - TSCA	1SCC340095D0201

Popular Downloads

Data Sheet, Technical Information	1SCC340015C0201
Instructions and Manuals	1SCC340016M0005
Mechanical Drawings	OTKM128033PBL8R.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 / Length	330 mm
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 /	1310 mm

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Length	
Package Level 1 Height	425 mm
Package Level 1 Gross Weight	74.9 kg
Package Level 1 EAN	6417019115344

Technical

Cable Entry Position	Bottom/Bottom
Cable Outlets Per Side	Blank / 8xring-flange, Knock-outs: 3x10mm, 12.5mm, 20.5mm, 25.5mm, 32.5mm
Color	RAL7032
Connecting Capacity Main Circuit	Hole Diameter 12 mm Screw Clamp / PE Terminal 10pc,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	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
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

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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)	3642815
E-Number (Norway)	1429158
E-Number (Sweden)	3140678

Categories

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





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