PRODUCT-DETAILS

OT1000BUUR3AZ

OT1000BUUR3AZ EMC safety switch



General Information

Extended Product Type	OT1000BUUR3AZ
Product ID	1SCA022725R3010
EAN	6417019233802
Catalog Description	OT1000BUUR3AZ EMC safety switch
Long Description	EMC 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
REACH Declaration	1SCC340076D0201
RoHS Declaration	1SCC340075D0201
RoHS Information	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019

© 2025 ABB. All rights reserved.

SCIP	6d1affca-e1d5-482e-bb7b-baca2eaccf6a Finland
Simplified SCIP	a7440f94-e710-49d3-a71a-63f1a9c02375 Germany 22dea516-b1f0-43c7-aa76-f40b7be7be10 Germany cc35df9b-a014-4a88-9cda-2e2a863f42ea Bulgaria 367619c6-02c8-4e19-bf60-3fcafb48680f Portugal 3b03d311-c889-44bb-b2d9-cd8ecd3a8491 France d2be20ec-1dae-4ec0-80ac-6187ca8d8c09 Germany 310fcfa1-2083-4763-9538-c72551077d36 Estonia 8cd5a5ef-8807-4794-9207-c2a8b9d83681 Belgium 97855f71-8bc1-495e-ad93-57f6c446d7fb Italy be1b28d7-53df-4441-9149-108780b96059 Sweden 64a9fe68-62d0-4eb8-b34e-09f151f5d3e7 France c86b53af-8ff2-4eac-a316-c30b0449e32d Poland a810cca6-02a8-4df7-a878-7c60d1b5cef4 Poland 6f20420f-c0ff-42ba-954c-6d0ac3b24123 Netherlands 81a68283-8444-45ba-81b3-505208f1f6ee Hungary 1e3b1eaf-1832-4a10-ad69-3985b5af344f Sweden 473fd1b7-6547-4173-be9a-4c20ca8e6c98 Germany ca248928-eb24-4cae-9907-592dbbf974e2 Denmark 7d2fd61f-bade-4e2b-9cef-bec42d04519d Poland cbc91fef-60a8-41c3-aeb6-bab3539f3f6b Spain 5cc77d08-0d13-43c4-a2a3-77ebec4e6184 Norway 5a596461-0d19-40e3-990d-931931b7496a Belgium bbcbe075-aaae-405d-b6ff-306bc6e8bb7b Croatia ad3d5b54-0df4-461e-895d-777c4a169aec Czech Republic 4e4836d2-ee16-4645-9d67-ec659da96ecc Germany 52cdc03f-f828-40c0-bdde-5eefba63b4cb Hungary 08ee4489-bea2-46d8-b2ce-d63a5ce6ea3f Greece
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

© 2025 ABB. All rights reserved.

Length	
Package Level 1 Height	425 mm
Package Level 1 Gross Weight	74.9 kg
Package Level 1 EAN	6417019233802

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	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 Withstand Current Low Voltage (I_{cw})	for 1 s 50 kA
Recommended Screw Driver	Main Circuit M12
Special Functions	EMC
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

© 2025 ABB. All rights reserved.

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





© 2025 ABB. All rights reserved.