



 PRODUCT-DETAILS

OT1000BLRR3AZ

OT1000BLRR3AZ Safety switch



General Information

Extended Product Type	OT1000BLRR3AZ
Product ID	1SCA022512R7810
EAN	6417019166278
Catalog Description	OT1000BLRR3AZ Safety switch

Long Description	<p>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 parallel 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.</p>
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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	b395cf04-8287-455f-8b5b-3006ee2dcc95 Finland
Simplified SCIP	9d66860b-ea56-40fa-8c3a-b23a6a15ca8f Germany e5f59643-6069-4ef5-b5ce-a7c309146a2c Germany 82bf472a-143b-4e51-9e7a-08d6cc563ea2 France 90cc0e92-7b77-41dd-a606-e605269bd0a1 Hungary 4a4de49a-2c23-4e89-8055-4304d805e5f4 Spain c2be4917-81ca-41c3-ad1a-1277d1c21aec Belgium a93aabdd-82b0-41b6-b4a7-4b9426235236 Hungary 4c6a1177-70e7-4e8c-baa1-aa0ba865b4d5 Poland b8cb2a14-3d6c-4ec4-8bce-09a20c38bcc9 Netherlands e66370b7-e801-4cdb-bf67-10fc5210ec16 Croatia 7f144d07-6ac8-42a0-ace8-2c93a5f36d5c Czech Republic c4d3598c-bf25-424f-9032-cb3a8ceffa84 Denmark cc3c79b5-7668-4769-9063-09525ebc0631 Germany 409abd54-ca71-44c9-993f-e73b20969132 Poland 74b9a5b2-918e-4b69-a829-1388509fa987 Sweden 5a213b77-bf93-4ad2-9509-3cd9a47126ca France 03b6d2e6-467d-4aab-84a8-ddb47041b666 Greece 96f8efa1-f615-4753-9d9d-b599cb0ef249 Estonia f622b5c7-1f95-49f4-96b2-318df3832041 Portugal 52a3a200-e6d3-450f-b889-00f1325f7e3d Bulgaria fe22c7da-dbe0-4bfd-8cc2-95486dba7100 Sweden 60089161-c567-4434-a802-f37efb4afad4 Germany 34d21167-7da4-4190-93da-101948fbb018 Poland d39c4a2f-b7db-464f-8ee9-b4a8d4f02d2d Norway 0587c479-ecde-481f-91e3-b17277daebe4 Belgium d993ccb1-fa58-4390-b63c-0801e87eea3e Italy 409c63d0-837e-4cdb-8acd-d6921769e3f8 Germany
Toxic Substances Control Act - TSCA	1SCC340095D0201

Popular Downloads

Data Sheet, Technical Information	1SCC340015C0201
Instructions and Manuals	1SCC340016M0005
Mechanical Drawings	OTKM128033P8R.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

Length

Product Net Weight	57.97 kg
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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	63 kg
Package Level 1 EAN	6417019166278

Technical

Cable Entry Position	Top/Bottom
Cable Outlets Per Side	8xring-flange / 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 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

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
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External Classifications and Standards

Object Classification Code	Q
ETIM 9	EC000216 - Switch disconnecter (low voltage)
ETIM 10	EC000216 - Switch disconnecter (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

