PRODUCT-DETAILS

OT1000BBRR3TZ

OT1000BBRR3TZ Safety switch



General Information

Extended Product Type	OT1000BBRR3TZ
Product ID	1SCA022340R3100
EAN	6417019115375
Catalog Description	OT1000BBRR3TZ 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	9b958659-d9be-46bb-9681-ba856915edb6 Finland
Simplified SCIP	6dcab965-2079-402b-ab66-41d8fd03b4f5 Hungary c7c819af-a976-4bbb-acab-a550007cc486 Spain 4357e91f-58cf-4506-8f14-04724d96f5f1 Belgium dca360ea-0ddd-4e22-a2db-1717394b6362 Czech Republic ffab9f50-3e80-44ea-bd69-76fad5b65d74 Poland 55b92901-3032-4c83-8b45-fd16c00ecf98 Germany 61d7ec86-b0db-4449-bcb0-ca80becbdafb Denmark d62e0bd4-5158-4c7d-bb1d-ffcf0383835e Croatia 8c36b721-f94e-4a4d-b8cf-267be0d87d84 Germany 10a3071d-5e64-48fe-8921-f0558864eab5 Norway e6aeb2f6-1037-49de-a7d1-2365813e32f1 Belgium 363c77ea-5978-435b-9e00-5bbe2904d3fb Italy 27cdc34e-9b9c-4cf0-80d5-34dd45ec0fe1 Netherlands c44b8153-c3d3-44ac-9afb-fbbd2ccc4882 Hungary 1052bf76-b9a9-4e77-9828-608dd8a77c76 Estonia 26d9686d-e1a8-4401-a182-386bcaf9d2bf Greece 1d57400d-f59b-4f54-8468-bc8cf0e22600 Portugal 0d3481b8-b7eb-40b9-9c53-50be25b9d5d3 Bulgaria 25c2af09-7c19-4ea3-835b-7ee3fe84a041 Sweden 305cab2a-1aeb-4ed4-8cf3-ed661f477031 Poland 252907b4-f26c-4f59-b0e4-9e81f03755a5 France 7e08a46a-7f0d-4b4f-b0f9-284d373d3cb7 Sweden 418ea3cd-369e-4f04-a007-4d946ee65bd2 Germany 9cb2be85-50dc-443b-b1ef-a0cb33f1850a Poland 1567ecb8-5004-4a7d-9b6e-c5cbe370447b Germany 6fa1d585-98a1-4468-9fb9-67dcd7ec76e0 Germany 6f98ba51-de4d-4d18-9428-36b98fdacae1 France
Toxic Substances Control Act - TSCA	1SCC340095D0201

Popular Downloads

Data Sheet, Technical Information	1SCC340015C0201
Instructions and Manuals	1SCC340016M0005
Mechanical Drawings	OTKM124033P4R.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	400 mm
Product Net Height	1200 mm
Product Net Depth /	330 mm

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Length	
Product Net Weight	62 kg

Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	425 mm
Package Level 1 Depth / Length	1310 mm
Package Level 1 Height	415 mm
Package Level 1 Gross Weight	65 kg
Package Level 1 EAN	6417019115375

Technical

Cable Entry Position	Top/Bottom
Cable Outlets Per Side	4xring-flange / 4xring-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 8pc,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	Top In - Bottom Out
Position of PE Terminals	Top 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)	3642715
E-Number (Norway)	1429137
E-Number (Sweden)	3140636

Categories

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

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