PRODUCT-DETAILS

OT1000BLCC3TZ

OT1000BLCC3TZ Safety switch



General Information

Extended Product Type	OT1000BLCC3TZ
Product ID	1SCA022340R3790
EAN	6417019115382
Catalog Description	OT1000BLCC3TZ 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	4b32a7f1-c392-4a9b-8396-4293c35278d8 Finland
Simplified SCIP	c003c883-45af-4f0d-88af-e76da7f3ce0e Germany 64862249-f3e9-4fac-b639-d0d579df2138 Belgium cc8ff670-b6b3-4240-9e51-35fcba5cf219 Denmark dad3e157-6036-47d5-b865-295636f4218b Poland e2ede05c-143f-4760-b1fd-0b1dd9f6df82 Netherlands f15510b5-87cc-4c02-ac34-7da0f52f3f4a Estonia 0dcdd8c4-ed6c-482a-a289-cb4485b588de Greece adbce3df-cc08-4be9-9f13-b2f783404c3b Portugal 18537043-bb58-4440-9e3d-c3b146fb6abd Poland 59d4b9c4-3db4-4386-8faf-92097f972322 Spain 2230af04-1fb2-43b9-bce3-6a4090dba780 Croatia 276a2122-8197-4a12-9ade-f0f0b27dcf91 Germany 9c00e859-5725-4214-8ddf-4995d128d96f Norway 7b03508f-e8a9-4f3a-8821-cba83a17bc58 Germany 1d76932d-86a0-4fad-9f7d-33fe1329f7c3 Hungary 2b939dc5-5d74-4691-9963-bae1385a3160 Hungary 95315135-672a-41c3-a128-89cfb439a79b Sweden 3a48ee31-4aa5-44d1-b8d7-a25760fc34d3 France 72be13e1-79bd-4f82-951f-1cfce382ac3c Germany 4d74c687-3a1b-494d-a611-654c35b4689b Bulgaria 1162f552-8e4e-4f74-a948-85d842cc1409 Germany 524b3ffd-3b52-4d67-8f3f-baa4701a77e7 Czech Republic 5b8ac922-3a45-4a0c-acd5-27b059f76efa France a1c91f51-5c5f-4e0a-82af-17ab8ebe2d5c Italy b43506a4-330b-4d02-8a23-deedf8a9e6e6 Poland c581cc12-0668-40e2-baae-48d968214ccb Belgium e1b10f0b-ac75-4bb5-af4c-7542e38b74a9 Sweden
Toxic Substances Control Act - TSCA	1SCC340095D0201

Popular Downloads

Data Sheet, Technical Information	1SCC340015C0201
Instructions and Manuals	1SCC340016M0005
Mechanical Drawings	OTKM128033P6C.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 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 kg
Package Level 1 EAN	6417019115382

Technical

Cable Entry Position	Top/Bottom
Cable Outlets Per Side	6xC-flange / 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	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)	3642733
E-Number (Norway)	1429118
E-Number (Sweden)	3140618

Categories

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

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