PRODUCT-DETAILS

OT1250ESUR3TZ

OT1250ESUR3TZ Safety switch



General Information

Extended Product Type	OT1250ESUR3TZ
Product ID	1SCA104440R1001
EAN	6417019386775
Catalog Description	OT1250ESUR3TZ Safety switch
Long Description	Safety switch, 3-p. 415V AC23 1250A, 710kW. Mounted auxiliary contact: 2NO1NC. Stainless steel enclosure. IP65. StainlessSteel Pistol handle. Interlocked cover. Defeatable interlocking. The enclosure and handle of the OT series is made of rigid acid proof steel, class AISI316L. The enclosure has a hinged door, with door lock. The cover is interlocked, and can not be opened when switch is on. The interlock function can be defeated for thermographing. The cover has also a gas pressure releaf function, to protect the user in case of internal arc. Suitable for outdoor and indoor use. The cable entries holes are prepared for cable flanges. The cable flanges (KOT61007 or KOT62296 (for EMC)) and the covers for the holes (KOT61008), have to be bought separately. The switch can be used in EMC applications, if EMC ring flanges are used. PE terminals and auxiliary contacts are included.

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	66b5d054-f31a-4fb7-850c-f63b044d6b5d Finland
Simplified SCIP	2d7dbee7-d799-404e-a297-59220c596972 Germany 43edee9d-3148-41f3-8d61-ac2969fdd4c6 Croatia 456ef180-88c0-4cee-939c-7daeb6d4a775 Germany 9c4240c5-b2b9-40e0-ad54-4a2f134ca2c2 Belgium cdb9ccf5-37ea-4421-aa11-2b44eb14a131 Poland ca2926dd-c6c8-4ebb-9314-3c582a44374c Greece eba2b591-0135-4461-82d9-733216693571 Estonia 39eb2fe2-e7c0-4107-a21a-daac6b5acf96 Portugal 2fcad186-3368-4b6b-ba63-23918e34a5c1 Denmark 85ab8cba-b003-4449-a7ab-ab57a361a553 Belgium 7266363f-0477-45d1-9108-9aab0b5040e7 Czech Republic faa65242-590b-4a41-885d-82dfa5525e00 France d18b8438-235f-48a2-9f16-b7f9d58bd288 Italy 1ef89e08-d663-48ad-8538-25581126fa0e Germany 5da901a0-41c0-4048-8b32-2fcb35e83ae2 France 4d560a60-807a-4f56-993f-7f23077c5b69 Spain a78d7e3e-b38e-4748-b854-d51e81f52417 Hungary 23b5b682-70e4-4153-830b-d329b6e512a3 Germany 0cddcb78-4f2a-4f5a-aff5-c1d7012b1748 Netherlands 1748e5a0-af8e-46d8-826a-eed9a9f5280e Poland e0f08904-6446-446a-96b5-f72d7b5d341d Hungary bc9251c8-5c54-493c-8ac3-1990b3fb4317 Germany 8d1eb230-f03c-45be-993c-c54c802e5d88 Norway 37f85084-92f1-4fcf-8e55-eeadd5d93663 Poland fe2a42bc-89e6-4ccc-83fa-5e5bfffa2f2b Bulgaria a92f5b72-6bec-42a8-9993-7a77ff9916f5 Sweden d1dc3b89-7c60-42ab-878a-72bc491d0701 Sweden
Toxic Substances Control Act - TSCA	1SCC340095D0201

Popular Downloads

Data Sheet, Technical Information	1SCC340015C0201
Instructions and Manuals	1SCC340016M0005
Mechanical Drawings	OTRK128033PBL8R.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

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Product Net Weight	72.97 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	78 kg
Package Level 1 EAN	6417019386775

Technical

Cable Entry Position	Bottom/Bottom
Cable Outlets Per Side	Blank / 8xring-flange+ø25.5mm
Color	Stainless
Connecting Capacity Main Circuit	Hole Diameter 12 mm Screw Clamp / PE Terminal 10pc,25 ... 120 mm²
Conventional Thermal Current (I_{the})	Fully Enclosed 1250 A
Degree of Protection	acc. to IEC 60529 IP65
Enclosure Material	Stainless steel
Handle Color	Stainless Steel
Handle Type	Pistol handle
Impact Resistance Rating	Housing IK09
Maximum Mounted Auxiliary Contacts	2 NO, 2 NC
Mounted Auxiliary Contacts	2 NO, 1 NC
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 29 W
Rated Insulation Voltage (U_i)	750 V
Rated Operational Current AC-22A (I_e)	(380 ... 415 V) 1250 A (500 V) 1250 A (690 V) 1250 A
Rated Operational Current AC-23A (I_e)	(380 ... 415 V) 1250 A (500 V) 1250 A (690 V) 1250 A
Rated Operational Power AC-23A (P_e)	(380 ... 415 V) 710 kW (500 V) 900 kW (690 V) 1200 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	Main Circuit M12

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Driver	
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

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)	3642122
E-Number (Sweden)	3135061

Categories

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

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