PRODUCT-DETAILS

OT250ESUR3TZ

OT250ESUR3TZ Safety switch



General Information

Extended Product Type	OT250ESUR3TZ
Product ID	1SCA102320R1001
EAN	6417019371092
Catalog Description	OT250ESUR3TZ Safety switch
Long Description	Safety switch, 3-p. 415V AC23 250A, 132kW. 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	e949bdbb-2025-49b6-b21b-c73e0061766a Finland
Simplified SCIP	6d93a75c-377e-4a59-8df3-bd798bb88467 Germany 4e0fb26f-e1d4-4827-a69a-0643148300a6 Poland b6005bf3-84a9-4213-8e04-ddc8d0f53b3d Belgium 81e19763-a808-48e6-9619-88723638f1a8 Hungary fc240c6c-6189-4617-a0c9-515debd5e150 Spain 4d56621f-cec0-4c8c-831c-e179873ee67e Poland 515c5ee0-43fe-4a50-ba10-b8a9d5d62106 Greece 3459213c-2f78-48c6-8a5b-88f118332064 Bulgaria f63803e1-45c5-4a57-8718-2c34dde4672b Portugal 003ca4de-8e6b-452d-bed8-d498d3e53999 Estonia 64ffb951-d29e-4f53-9a24-d08bb9c70cde Sweden b00549aa-4ef2-4799-a29f-15bd2ae8a06a Hungary f8d347f1-2e7a-422d-9395-1487d8fc138f Czech Republic 8f3bf4b9-db6d-46bd-86fd-3612047a02f5 France abb16399-e9eb-4adb-945c-7bf13503dfcd Poland 46fcd1d3-f9d8-4fcd-948e-0f81d5a9698e Germany f9990e5f-53be-4d1d-9134-ac527a245e66 Germany d02dd6c5-90b7-4abc-98e3-072b563a308b France 148a8a9c-4986-423b-93af-337561535655 Sweden a9617ce0-755b-4ea5-bc34-20d9663ca240 Netherlands 87c4ecce-d896-410a-a2fa-2a2f71b7eca6 Italy 69be95c8-f2d8-4dc9-9436-394c67d99015 Germany cbb76c9c-c6f4-432d-9350-b19c9faeb045 Denmark 1dd8f470-34c3-4425-bc54-21f9c431ae93 Norway 84b4ea62-8e75-41da-a7f6-59d8c09fe17b Germany 1b62abfd-7692-4e40-8e88-5ca140c46986 Belgium e382872e-6f00-4010-b6b1-866b442c3118 Croatia
Toxic Substances Control Act - TSCA	1SCC340095D0201

Popular Downloads

Data Sheet, Technical Information	1SCC340015C0201
Instructions and Manuals	1SCC340008M0004
Mechanical Drawings	OTRK804023PBL4R.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	800 mm
Product Net Depth / Length	230 mm

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Product Net Weight	31.75 kg

Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	415 mm
Package Level 1 Depth / Length	910 mm
Package Level 1 Height	325 mm
Package Level 1 Gross Weight	33.9 kg
Package Level 1 EAN	6417019371092

Technical

Cable Entry Position	Bottom/Bottom
Cable Outlets Per Side	Blank / 4xring-flange+ø25.5mm
Color	Stainless
Connecting Capacity Main Circuit	Hole Diameter 8 mm Screw Clamp / PE Terminal 4pc,25 ... 120 mm²
Conventional Thermal Current (I_{the})	Fully Enclosed 250 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 6.5 W
Rated Conditional Short-Circuit Current (I_{nc})	40.5 kA
Rated Insulation Voltage (U_i)	750 V
Rated Operational Current AC-22A (I_e)	(380 ... 415 V) 250 A (500 V) 250 A (690 V) 250 A
Rated Operational Current AC-23A (I_e)	(380 ... 415 V) 250 A (500 V) 250 A (690 V) 250 A
Rated Operational Power AC-23A (P_e)	(380 ... 415 V) 132 kW (500 V) 160 kW (690 V) 200 kW
Rated Operational Voltage	Main Circuit 1000 V
Rated Short-Circuit Making Capacity (I_{cm})	(1000 V AC) 30 kA
Rated Short-time Withstand Current Low	for 1 s 8 kA

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Voltage (I_{cw})	
Recommended Screw Driver	Main Circuit M8
Special Functions	EMC
Standards	IEC 60947-1, -3
Tightening Torque	Main Circuit 22 N·m

Technical UL/CSA

Recommended Screw Driver	Main Circuit M8
Tightening Torque	Main Circuit 22 N·m

Certificates and Declarations

Declaration of Conformity - CE	1SCC340025D2704

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)	3642116
E-Number (Sweden)	3135029

Categories

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

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