PRODUCT-DETAILS

OT250ERRR3TZ

OT250ERRR3TZ Safety switch



General Information

Extended Product Type	OT250ERRR3TZ
Product ID	1SCA102364R1001
EAN	6417019371405
Catalog Description	OT250ERRR3TZ 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
REACH Declaration	1SCC340076D0201
RoHS Declaration	1SCC340075D0201

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RoHS Information	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
SCIP	5068483a-7b48-435b-9272-52aec57e2bcf Finland
Simplified SCIP	76ed4de8-2b2d-4651-9ea5-040dd8ee0b28 Germany 2e0365f8-c2ea-4aac-9e40-4621647698b0 Norway a8c19abf-f107-4bb4-b871-07dacf06a9a0 Denmark e8e1264a-a4e5-4e69-b51c-96f9be1ba3ae Germany fc90649a-9aaf-4a1f-b10e-15faa760fee3 France 4778e6d6-189c-4e60-a672-dadc1ecada40 France 46a93838-32bc-4086-b823-d79465683f34 Poland 3312d390-df58-4ac2-91d6-9987f302cbea Netherlands fc08064a-24bc-40aa-9eb3-cff2977a96c9 Hungary 02ffb9d7-e3f6-4db0-8667-bd1fa1cda505 Sweden ce7a9db5-ab92-4b17-9f96-fe01c35cadf3 Bulgaria 67087d34-25d0-4eb9-9bd6-297aaa44de07 Poland 85c93d29-1971-4483-86cd-5df8a2c24b7a Portugal 31380955-244e-45d3-9807-5f278e826164 Estonia 7d34cf2c-a3fe-490f-9d84-01a4a4cbd896 Sweden 6c0338dc-05fe-4780-b7f2-dc05fcfb9054 Greece 79194cea-9b13-4e89-aaeb-4440ea608484 Germany 77c259f2-cccc-40fb-b13c-ecef8c5f33e4 Belgium 4834aeff-5300-4941-bba3-c68703be1e88 Italy dbee7f3a-0303-4bfb-9ce0-8991a6ad88a9 Hungary 45cbca02-d612-4406-a3b8-af73a3338559 Poland 9183b689-305e-43c2-a6b2-b20e236a5e61 Germany c1a444f0-0058-49f7-849d-20aae1b979db Germany 09eca7cf-6117-4c51-ae07-304b74d5c5d8 Czech Republic 90af418a-c636-4827-a58e-33986b577989 Belgium af61fdaf-4287-4bd5-ae2f-0877e7dadc16 Croatia 91396812-1067-4de0-83d8-b999532b3b82 Spain
Toxic Substances Control Act - TSCA	1SCC340095D0201

Popular Downloads

Data Sheet, Technical Information	1SCC340015C0201
Instructions and Manuals	1SCC340008M0004
Mechanical Drawings	OTRK604023P4R25.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	600 mm
Product Net Depth / Length	230 mm
Product Net Weight	24.01 kg

Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	415 mm

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Package Level 1 Depth / Length	710 mm
Package Level 1 Height	325 mm
Package Level 1 Gross Weight	25.7 kg
Package Level 1 EAN	6417019371405

Technical

Cable Entry Position	Top/Bottom
Cable Outlets Per Side	4xring-flange+ø25.5mm / 4xring-flange+ø25.5mm
Color	Stainless
Connecting Capacity Main Circuit	Hole Diameter 8 mm Screw Clamp / PE Terminal 4pc,10 ... 70+4pc M8 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 Voltage (I_{cw})	for 1 s 8 kA
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

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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)	3642108
E-Number (Sweden)	3135028

Categories

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





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