PRODUCT-DETAILS

OT1250ERRR3TZ

OT1250ERRR3TZ Safety switch



General Information

Extended Product Type	OT1250ERRR3TZ
Product ID	1SCA103351R1001
EAN	6417019378299
Catalog Description	OT1250ERRR3TZ 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	71ad1d30-9e29-43b8-9aec-b7f21d3daf34 Finland
Simplified SCIP	910b6877-32ac-480f-86da-6e8576a2a1aa Poland aa7e86ba-d85c-4c5e-856a-1e4eef48cc1c Hungary 2aed13ab-0c49-4b99-af7e-21ff08cd81dd Sweden c71c9e3d-0dcb-408b-9570-dd55da5836da Bulgaria 5852a038-b6be-4094-90ee-a6b08ee4c8cf France 465225c5-b5aa-4312-aa9d-1e65761f5f33 Sweden 3828d1c8-ac81-474e-bd29-d4bca593719b Hungary a8ca7afc-7f0e-49c7-9019-44666019b873 France e9079a35-7cf6-4177-bc6d-eee64fa833b8 Spain 607fb183-5a6e-456e-aa47-037b884b4130 Germany b351cfa8-5c47-44c0-83b1-69d95d2833f4 Germany 37cf7dd9-3ec6-4df8-b500-d653ac999d06 Belgium b323f768-552d-4703-bb3e-f40788aa7123 Germany baac3bcf-31ff-46b4-a426-20f105f328c5 Belgium 399da206-eb7b-4755-b28f-837867423bb6 Italy 49afba4e-e11b-406e-817f-d7b65f460436 Norway 6559ceff-0c5c-4c84-be81-54e913774b8a Poland 8c075b27-2464-4d64-ae0e-721a9aeb640a Germany e9f11988-13c8-4a0f-8b86-a25b40b3902e Czech Republic e66de963-6be8-4950-8e3c-2e01bca9eb23 Croatia 5c220a1f-72b3-4bed-8cd8-4772e1a2cbb2 Germany 3f29d613-01c3-4213-9c0f-bdfa357d6643 Denmark c08d048c-446c-4430-ac2c-ec27a2d873a0 Poland e1e25189-1c4f-4ee4-ab02-04a4d9e3bf08 Estonia bc9c61a9-3046-4ba2-b99d-60f994210eba Portugal 8416747d-a969-451b-b1d1-359c2b8b67a7 Greece d50de1b8-77dd-476d-92ca-61b765d7c021 Netherlands
Toxic Substances Control Act - TSCA	1SCC340095D0201

Popular Downloads

Data Sheet, Technical Information	1SCC340015C0201
Instructions and Manuals	1SCC340016M0005
Mechanical Drawings	OTRK128033P8R25.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	65 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	70 kg
Package Level 1 EAN	6417019378299

Technical

Cable Entry Position	Top/Bottom
Cable Outlets Per Side	8xring-flange+ø25.5mm / 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)	3642114
E-Number (Sweden)	3135060

Categories

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

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