PRODUCT-DETAILS

OT1000ERRR3TZ

OT1000ERRR3TZ Safety switch



General Information

Extended Product Type	OT1000ERRR3TZ
Product ID	1SCA103329R1001
EAN	6417019371207
Catalog Description	OT1000ERRR3TZ Safety switch
Long Description	Safety switch, 3-p. 415V AC23 1000A, 560kW. 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	cec55baf-9302-4b08-a3af-13d2607bda66 Finland
Simplified SCIP	745ac9a5-f26d-4239-b18f-463754869be3 Germany c08a9442-c35d-4088-90c7-b99c11e11fa0 France 913f54d4-a052-4a6f-88f6-e0a7e0b512de Denmark d322c66e-62ca-4624-b7db-e7446140dc9f Poland f3fe2fe6-9acb-49d8-bf33-45845fd7b12c Portugal 8bf4af65-422e-4627-92c6-266fb90459ea Greece d19f8512-7c43-4879-8ab1-fa00ff798929 Estonia 9acf1ffa-b0f2-4c0a-a600-0ec7bd4d39ad Hungary 4946a97c-d779-4ea3-bea6-58e6f6bac958 Netherlands ff4661e2-66c2-4f95-bbc3-f542cfee3ede Poland 39ee2b16-f958-4727-852c-2248c5f6df2c Czech Republic 6fdd4a2e-5e8c-4a92-a276-44e105ea3ad9 Croatia 9d5f4ed0-73f8-4b9c-a278-a723865524f7 Germany 3b14a01d-47fb-43e2-afb0-7158c421d710 Belgium 162919e8-2d67-4e25-9af1-5ffa9497d34d Germany b00d4059-5979-4f9b-a526-25f2aef3be1e France 2306cc4c-eebc-40fa-8d0c-9cfd5b8bec0e Germany 6e210eb6-0439-4198-9097-9da72ed0f305 Spain 8c46a8f6-cd99-4599-816d-b60eda976a49 Hungary 557999f8-eb48-4a42-8bf1-173300865207 Italy e79c4bcd-d64e-4c4d-be22-97e273eb0cb0 Germany b3a9043e-1013-4838-b697-694b44a1a1f9 Poland 46d79f11-10c9-4fdd-8449-103c50fa017f Norway eeae0830-1f9a-4599-b47c-27c3b8b272a4 Sweden d386cd68-5e42-437d-9771-f6066c9acf65 Bulgaria f7f11676-00a6-4e0d-b007-2b116bea493d Sweden 2513c302-b8cd-4a72-ae23-ebc87de8755d Belgium
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	64.97 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	70 kg
Package Level 1 EAN	6417019371207

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 1000 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 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
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)	3642113
E-Number (Sweden)	3135054

Categories

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

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