PRODUCT-DETAILS

OT315ERRR3TZ

OT315ERRR3TZ Safety switch



General Information

Extended Product Type	OT315ERRR3TZ
Product ID	1SCA102332R1001
EAN	6417019371214
Catalog Description	OT315ERRR3TZ Safety switch
Long Description	Safety switch, 3-p. 415V AC23 315A, 160kW. 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	b5b0a00e-efe6-4f72-a5ed-08dd2c2a1871 Finland
Simplified SCIP	4c9b9ee9-49cd-45a4-b2c7-f490ea7a80fe Germany 7ae434dd-e20b-4b9c-ab47-c52c109bf085 Poland b334507b-21a4-4e50-99b7-dbf4bfb48fa5 Belgium ecd5f8fb-da8b-46d2-9089-569c2d50b05e Portugal 2cb46321-cc6d-455d-b39d-7ffdb8fb3fc4 Spain 8598cbba-9601-4b19-8251-2ee36484d295 Poland 5fa28758-7441-4001-bec3-6019e7526a2b Sweden 1182921d-b8dc-47b6-810d-f9c840588ba6 Czech Republic 0a653a2a-63e9-486b-988d-bee0701cd928 Bulgaria 1182921d-b8dc-47b6-810d-f9c840588ba6 Czech Republic 91f0c86f-4b08-48c8-8c92-d45dd039726d Croatia ed68cbeb-058b-4ff8-8d33-049d5847ae59 Sweden 396754f2-02d0-4079-98c0-46f40c626af4 Germany 92c7733c-5ac3-488e-8a00-bfbad2140002 Netherlands 92c7733c-5ac3-488e-8a00-bfbad2140002 Netherlands 204f22cf-3f1d-4f5a-9c41-29159d35fbe5 Germany 4b3c7bfa-7e4d-4c12-b530-5db9a3367eea Denmark 3a9304bd-311b-450b-b684-649b2cadc15d Germany 91f0c86f-4b08-48c8-8c92-d45dd039726d Croatia 4b3c7bfa-7e4d-4c12-b530-5db9a3367eea Denmark a4974887-5714-48d6-b38f-cd502e4801f7 Italy ccb2a82d-d82b-4e8b-ac30-acc96b4a4ef3 Germany a8d31541-eee1-4779-9880-7789a164cda6 Poland b334507b-21a4-4e50-99b7-dbf4bfb48fa5 Belgium 3a9304bd-311b-450b-b684-649b2cadc15d Germany 204f22cf-3f1d-4f5a-9c41-29159d35fbe5 Germany c7e6e8cf-5abb-453d-b402-0114b8620416 Norway 396754f2-02d0-4079-98c0-46f40c626af4 Germany 529570e2-6156-499d-8d62-bd4dd51d06b4 Hungary 8e735382-f8b5-4aa7-8adb-3907430e7ed8 France 37359f62-a50f-4304-ac5d-242381cadaf8 France 8598cbba-9601-4b19-8251-2ee36484d295 Poland 37359f62-a50f-4304-ac5d-242381cadaf8 France 8e735382-f8b5-4aa7-8adb-3907430e7ed8 France b40f19ba-fe99-48f4-80e3-cf0a0a20fa87 Greece 396417d2-1498-43d0-a9d4-643fd7c44802 Hungary fafcafcd-5c48-4a2d-8db4-166862d24b68 Estonia 7ae434dd-e20b-4b9c-ab47-c52c109bf085 Poland ecd5f8fb-da8b-46d2-9089-569c2d50b05e Portugal 2cb46321-cc6d-455d-b39d-7ffdb8fb3fc4 Spain f611e781-c645-4b4e-b058-e0d0591d7732 Belgium ed68cbeb-058b-4ff8-8d33-049d5847ae59 Sweden fafcafcd-5c48-4a2d-8db4-166862d24b68 Estonia b40f19ba-fe99-48f4-80e3-cf0a0a20fa87 Greece c7e6e8cf-5abb-453d-b402-0114b8620416 Norway f611e781-c645-4b4e-b058-e0d0591d7732 Belgium ccb2a82d-d82b-4e8b-ac30-acc96b4a4ef3 Germany 396417d2-1498-43d0-a9d4-643fd7c44802 Hungary a4974887-5714-48d6-b38f-cd502e4801f7 Italy 529570e2-6156-499d-8d62-bd4dd51d06b4 Hungary a8d31541-eee1-4779-9880-7789a164cda6 Poland 0a653a2a-63e9-486b-988d-bee0701cd928 Bulgaria 5fa28758-7441-4001-bec3-6019e7526a2b Sweden 565a6031-058d-491c-9157-203a65bcba6b Poland 03cf967d-77e1-4320-a3f2-d0866bb1266a Norway c8242c72-8692-4d66-a91a-88816807a65d Belgium 26302d1e-b726-4ec6-a57f-ff06ca1559e6 Denmark 52daaed6-6075-4648-9dd6-6839ee4a5500 Sweden b16da887-b293-42d6-b788-50b8b2c1be5c Germany 5ab3bc3d-2ef8-446b-9240-aaccf9ab5183 Germany c8043d15-a2c5-4612-979e-06f2cc058901 Croatia d843032a-7946-4997-b17f-ce097b027a68 Czech Republic 92a6f1dd-70c8-4b82-8b26-1c28a23fe6b1 Poland 5f4096b3-00b6-4477-b5d2-f71b53df241b Netherlands ca826d82-40d1-4c19-b52e-1dc923527c62 Bulgaria c2641e5d-6437-486e-9e84-de3812ab3f5a Sweden

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	0efbb7b3-6fce-475d-b220-1e6090675eab France 70cee08e-f4fc-4f57-9de4-68e3bac170a4 Hungary 167e9aa7-d5ec-4c11-9966-1e8936acd197 Spain f2468e79-06f3-4b4b-9276-a28a74bbf16f Belgium 7c567455-9752-4444-a249-f035f9977462 Germany ecbf429f-a027-48f0-a6a8-e863e16a80b4 Germany fbd061ef-a871-4831-afb2-bb685d135c4a Estonia 5abe34de-d8e8-4060-ae6a-d592d57d02b2 Greece 04009326-1823-40a1-b34e-e2460686f4a3 Portugal cac78fca-3a84-4170-98d2-4f055a1fe931 Poland 76c7c8cc-1a65-423a-b577-e675a5831d58 France b129f4c0-df1f-4619-bbfa-28c2e593431d Hungary a3c4305d-abd1-448c-b20d-3e7705e4c12b Italy
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	23.31 kg

Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	415 mm
Package Level 1 Depth / Length	710 mm
Package Level 1 Height	325 mm
Package Level 1 Gross Weight	25 kg
Package Level 1 EAN	6417019371214

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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 10 mm Screw Clamp / PE Terminal 4pc,10 ... 70+4pc M8 mm²
Conventional Thermal Current (I_{the})	Fully Enclosed 315 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})	61.5 kA
Rated Insulation Voltage (U_i)	750 V
Rated Operational Current AC-22A (I_e)	(380 ... 415 V) 315 A (500 V) 315 A (690 V) 315 A
Rated Operational Current AC-23A (I_e)	(380 ... 415 V) 315 A (500 V) 315 A (690 V) 315 A
Rated Operational Power AC-23A (P_e)	(380 ... 415 V) 160 kW (500 V) 200 kW (690 V) 250 kW
Rated Operational Voltage	Main Circuit 1000 V
Rated Short-Circuit Making Capacity (I_{cm})	(1000 V AC) 65 kA
Rated Short-time Withstand Current Low Voltage (I_{cw})	for 1 s 15 kA
Recommended Screw Driver	Main Circuit M10
Special Functions	EMC
Standards	IEC 60947-1, -3
Tightening Torque	Main Circuit 44 N·m

Technical UL/CSA

Recommended Screw Driver	Main Circuit M10
Tightening Torque	Main Circuit 44 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)	3642109
E-Number (Sweden)	3135034

Categories

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





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