PRODUCT-DETAILS

OT315ESUR3TZ

OT315ESUR3TZ Safety switch



General Information

Extended Product Type	OT315ESUR3TZ
Product ID	1SCA102317R1001
EAN	6417019371061
Catalog Description	OT315ESUR3TZ 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	c9a1f431-d6c1-4906-9013-1c0244d54e3c Finland
Simplified SCIP	16ab1b76-52de-4ece-aa50-331f2d7188ba Germany 822f5b2b-1623-411d-a157-6d5e78873009 Bulgaria 366ff378-d3b2-49c4-bfed-30617a5ec328 Sweden f3dc332b-c490-43c2-9dd8-01cd43612c0d Czech Republic 50673e8f-8008-4ad9-a3b9-6e64653768c2 Germany cbc86632-bddd-4888-94de-7bad9e806123 Norway 8da7b5ed-ae42-4d5c-a8be-76e24cac3f93 Spain 70751579-aec0-47b4-827b-ca99a4b7f6b0 Belgium 9259313c-e798-4e23-990c-7de942185dd7 Hungary f40b1c11-69fc-44d2-bc34-8ad9a018be11 Estonia eb6419b6-a1cf-44bb-8cb8-5663c6f43518 Hungary 655867e1-038d-4d98-b85c-a5e5905e8053 Portugal 4a01d1e0-e097-4274-bbd3-4f042dbfcc38 Greece 9f13c368-1c49-4311-8804-7ee7c8f6d0ab France 1f53b70d-dcdb-4f78-ba88-d73255ff77b1 Denmark 385e8976-1d48-4383-aa4e-811367fc2333 Croatia 9305679a-3203-45c3-9d44-f538f53e1c94 Italy 2d4b1187-faea-4907-b98e-0c78cdd951c6 Germany c12e0aa2-4ef7-4f12-9c20-d54ac7e42c9c Germany ebbfd66c-d7a3-4f12-85b0-695cbd664d4f Belgium b512ac3c-8e93-475d-a57f-1eb76cfdefef Sweden e938ac3a-4dcf-462d-8890-0d607f1fea90 Germany 72fc0372-4eec-4c44-b2cf-e054390c81fa Poland f3dc332b-c490-43c2-9dd8-01cd43612c0d Czech Republic a2d75bf6-3901-46a4-81aa-8c537ef5fc12 Netherlands 05d79b54-d91d-4605-9bef-868500079a4a Poland 50673e8f-8008-4ad9-a3b9-6e64653768c2 Germany 9305679a-3203-45c3-9d44-f538f53e1c94 Italy 4a01d1e0-e097-4274-bbd3-4f042dbfcc38 Greece 05d79b54-d91d-4605-9bef-868500079a4a Poland 655867e1-038d-4d98-b85c-a5e5905e8053 Portugal f40b1c11-69fc-44d2-bc34-8ad9a018be11 Estonia 2d4b1187-faea-4907-b98e-0c78cdd951c6 Germany eb6419b6-a1cf-44bb-8cb8-5663c6f43518 Hungary a2d75bf6-3901-46a4-81aa-8c537ef5fc12 Netherlands 0704994a-1583-4a5e-869e-f2b640bda887 Poland ebbfd66c-d7a3-4f12-85b0-695cbd664d4f Belgium 44bc0569-213a-4a94-8217-58abff50c5ea France 366ff378-d3b2-49c4-bfed-30617a5ec328 Sweden 822f5b2b-1623-411d-a157-6d5e78873009 Bulgaria 72fc0372-4eec-4c44-b2cf-e054390c81fa Poland 44bc0569-213a-4a94-8217-58abff50c5ea France 0704994a-1583-4a5e-869e-f2b640bda887 Poland cbc86632-bddd-4888-94de-7bad9e806123 Norway b512ac3c-8e93-475d-a57f-1eb76cfdefef Sweden 1f53b70d-dcdb-4f78-ba88-d73255ff77b1 Denmark c12e0aa2-4ef7-4f12-9c20-d54ac7e42c9c Germany 9259313c-e798-4e23-990c-7de942185dd7 Hungary 9f13c368-1c49-4311-8804-7ee7c8f6d0ab France 8da7b5ed-ae42-4d5c-a8be-76e24cac3f93 Spain 70751579-aec0-47b4-827b-ca99a4b7f6b0 Belgium e938ac3a-4dcf-462d-8890-0d607f1fea90 Germany 385e8976-1d48-4383-aa4e-811367fc2333 Croatia
Toxic Substances Control Act - TSCA	1SCC340095D0201

Popular Downloads

Data Sheet, Technical Information	1SCC340015C0201
Instructions and Manuals	1SCC340008M0004
Mechanical Drawings	OTRK804023PBL4R.stp

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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
Product Net Weight	32.75 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	34.9 kg
Package Level 1 EAN	6417019371061

Technical

Cable Entry Position	Bottom/Bottom
Cable Outlets Per Side	Blank / 4xring-flange+ø25.5mm
Color	Stainless
Connecting Capacity Main Circuit	Hole Diameter 10 mm Screw Clamp / PE Terminal 4pc,25 ... 120 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

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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

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)	3642117
E-Number (Sweden)	3135035

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Categories

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





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