PRODUCT-DETAILS

OT630ESUR3TZ

OT630ESUR3TZ Safety switch



General Information

Extended Product Type	OT630ESUR3TZ
Product ID	1SCA102336R1001
EAN	6417019371252
Catalog Description	OT630ESUR3TZ Safety switch
Long Description	Safety switch, 3-p. 415V AC23 570A, 315kW. 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	ab760536-138e-4bec-996f-46e27a32f7ff Finland
Simplified SCIP	5a2b3bad-3995-4b8b-b99e-4430ac8adbdc Germany 96b79f7b-5894-49a2-b7f1-2d473621f1c8 Hungary 2c2b278b-7e30-4092-9b8b-d5c86a0be07f Sweden db685013-de2f-42b5-908d-95c578663628 France 3a5019a2-d13a-4988-9689-f7cdf4540be8 Poland 1c1a386e-0f2c-4d80-8151-4ddd23adcb3b Poland 53b72574-b8f5-40c5-a633-62021093fb91 Bulgaria 5c02ee6e-5717-49df-82c3-c29218c54f93 Portugal 3efdfd13-ba2c-417a-a9a5-1c54f5439fb4 Czech Republic aaf239b7-73e7-4ce7-86a2-8087fb139795 Croatia 1d6d0715-dbb9-42f6-98ff-91f2f73391bd Norway 1373ce70-11d8-4e9d-9eec-72a4cb7d2343 Belgium 0b1e194c-a4f2-4ba4-b195-b4ca5dd390e1 France 02934133-b4cc-4966-a525-cc4ea9f02254 Germany 2af6c09a-92b1-41e2-a147-e45c73c16bbb Belgium 754dc096-a761-4789-9941-d914de87eaaa Germany 66afcab9-2130-47db-a32a-f83625b213c5 Sweden ac685662-1d96-42ae-befb-f97059f3289b Denmark 47795224-4dd1-497a-bb5c-e1b6b43de388 Germany 51f40852-95d5-416f-909a-acdf6b8aa47b Netherlands ed5ec851-cbbd-42ff-80ac-b48fb67bdf30 Hungary 3f51ea0c-4ace-4302-b337-fa9e6b194034 Estonia 6eaca706-4b66-4191-a474-fb4833661b81 Poland 5f18e63a-a201-4fd7-8add-278425674c4f Greece ce307739-c987-40e8-9645-4039fa83a994 Germany 54383ae1-03e5-4d75-b824-d07e1be3566c Spain 0397207f-7444-4513-b330-a56b5b5cb1ce Italy
Toxic Substances Control Act - TSCA	1SCC340095D0201

Popular Downloads

Data Sheet, Technical Information	1SCC340015C0201
Instructions and Manuals	1SCC340008M0004
Mechanical Drawings	OTRK108033PBL8R.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	1000 mm
Product Net Depth / Length	330 mm

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Product Net Weight	51.6 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	57.4 kg
Package Level 1 EAN	6417019371252

Technical

Cable Entry Position	Bottom/Bottom
Cable Outlets Per Side	Blank / 8xring-flange+ø25.5mm
Color	Stainless
Connecting Capacity Main Circuit	Hole Diameter 12 mm Screw Clamp / PE Terminal 8pc,25 ... 120 mm²
Conventional Thermal Current (I_{the})	Fully Enclosed 570 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 25 W
Rated Conditional Short-Circuit Current (I_{nc})	90 kA
Rated Insulation Voltage (U_i)	750 V
Rated Operational Current AC-22A (I_e)	(380 ... 415 V) 570 A (500 V) 570 A (690 V) 570 A
Rated Operational Current AC-23A (I_e)	(380 ... 415 V) 570 A (500 V) 570 A (690 V) 570 A
Rated Operational Power AC-23A (P_e)	(380 ... 415 V) 315 kW (500 V) 400 kW (690 V) 560 kW
Rated Operational Voltage	Main Circuit 1000 V
Rated Short-Circuit Making Capacity (I_{cm})	(1000 V AC) 80 kA
Rated Short-time Withstand Current Low	for 1 s 20 kA

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Voltage (I_{cw})	
Recommended Screw Driver	Main Circuit M12
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	1SCC340029D2704

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)	3642119
E-Number (Sweden)	3135045

Categories

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

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