PRODUCT-DETAILS

OT800ESUR3TZ

OT800ESUR3TZ Safety switch



General Information

Extended Product Type	OT800ESUR3TZ
Product ID	1SCA102324R1001
EAN	6417019371139
Catalog Description	OT800ESUR3TZ Safety switch
Long Description	Safety switch, 3-p. 415V AC23 720A, 400kW. 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	2aaa444d-b0a7-4f00-90df-6d4b3d763bad Finland
Simplified SCIP	883d556e-a2a0-46ad-88a5-8fc2ef1ef24f Germany a8f20340-36df-4f9f-b4d3-5263e5fd3df1 Netherlands 7650ee8a-79a7-4210-b18e-631f6a5fe623 Italy 71e642ad-4446-4834-9c33-dd54a10cd3c1 Germany 9dd613ab-a4b2-4b37-95bf-a977f44c4f7a France 79bc6644-49e4-45e6-a26c-9b33eebab650 Germany c09196eb-789f-4f90-a5a3-5002224ddac8 Estonia df12e724-8354-4725-9bc6-9d5f6e64a96a Germany dca39f1d-28d3-4d8e-b431-70c124af2e48 Poland 460ccef6-5c05-458c-be59-c2ce360f0238 Poland 6d181eed-8a49-4800-8765-ac78ad9d79ca France 1a9281a9-d432-4abe-b38a-9885957b81cf Sweden 2eeb18e7-ad05-4e0a-8349-91b909ce0cc2 Czech Republic 8f9648cd-6125-45b3-a3bf-2dcb46672ebd Croatia ffd8b32a-a0b5-4f0a-b246-052b12a6c154 Poland a370bd4f-8631-4e15-85f6-3ce439b3060e Norway 8fa5d4d5-5295-4215-b044-4f772814d01e Belgium eaa8c01f-3aaa-4c9e-a018-1cc7077c1791 Germany 0f03b2ca-7d7a-4b38-b8f4-9a0f9afc9b81 Greece a5a98087-6aac-4354-be13-42dedd4d9a25 Denmark 4566043e-1970-404e-8232-c7a3bdeeba01 Sweden 16ab7586-36db-4f91-924f-a6df1d68988e Portugal 9ff03780-a917-4067-a70d-22d87483b493 Hungary 1a0bfec2-6052-4e75-9726-fcf497ea6873 Spain 2f9367c5-8be1-4fc3-b72f-908f692e4276 Belgium 7a1ea92d-e3fe-43e6-b241-37b66324db32 Bulgaria 9dfcd63e-2e4d-4232-bc00-1a04fe80df02 Hungary
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	49.8 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	56 kg
Package Level 1 EAN	6417019371139

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 720 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 40 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) 720 A (500 V) 720 A (690 V) 720 A
Rated Operational Current AC-23A (I_e)	(380 ... 415 V) 720 A (500 V) 720 A (690 V) 720 A
Rated Operational Power AC-23A (P_e)	(380 ... 415 V) 400 kW (500 V) 500 kW (690 V) 710 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	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)	3642120
E-Number (Sweden)	3135052

Categories

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

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