PRODUCT-DETAILS

OT400ESUR6TZ

OT400ESUR6TZ Safety switch



General Information

Extended Product Type	OT400ESUR6TZ
Product ID	1SCA102335R1001
EAN	6417019841915
Catalog Description	OT400ESUR6TZ Safety switch
Long Description	Safety switch, 6-p. 415V AC23 400A, 220kW. Mounted auxiliary contact: 4NO2NC. 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	02064352-8633-4398-a151-076bf01b597f Finland
Simplified SCIP	3f648346-15d8-4d01-bba6-3994748027fd Germany 109e3db5-0c11-4baa-ba0f-f2fade6d5484 Germany 40a4a1dd-8c40-4d7e-b33c-e339dae27443 France b6cf6d0e-d023-4110-81ea-ea28c622e48a Hungary f10206d2-5314-4853-aa53-bd6d966cca96 Spain 1b81baab-b24f-4abe-b2a9-a588d5e7b09c Belgium b6296fb2-9a2f-450c-875b-4ce2632e479f Germany 526f6bda-c62d-4130-8cc6-fcd779bcd638 Poland c3cb35ac-46d9-4c3c-930f-a145dd817fd4 Norway fda349dd-388f-4adf-bfbd-8a2e8548a5e8 Belgium 767cd478-dcac-444c-8b23-dce4e91b7836 Italy cf58131c-3af0-431b-9408-979412899702 Poland 8a4bd0cf-a250-430b-889b-7d40454c8b1c Netherlands 3e2e4987-077d-495c-a879-4850238f790f Croatia 78c3476a-1662-45f6-8e72-6563ebeae169 Czech Republic 42164319-9eb6-43f6-9896-7255e6ab3cca Germany 8751ff02-1464-4870-b6fc-4a4afda2e133 Denmark c2592a4c-7c4a-45f7-9f59-5aa8dc632632 Germany de607a54-2e95-4510-a63b-64c3387ef981 Bulgaria 6c1fdf09-efd1-4498-b4cc-bdb60cdf3091 Sweden c699ea11-2fcb-4959-929c-f212c58246e7 Poland 121b211b-c53e-4053-986a-a426535e3635 Hungary c106a2c3-02eb-48cc-b975-7062211d5fcd Estonia 7e71f449-64c0-4400-bd97-b28d933d3685 Greece 5657b372-36df-4c40-8b8f-6bddc52b8945 Portugal a866ccea-a659-41aa-81e8-75e0748c553d France 44260f1e-b603-4828-a35d-e6c4f1c1ea05 Sweden
Toxic Substances Control Act - TSCA	1SCC340095D0201

Popular Downloads

Data Sheet, Technical Information	1SCC340015C0201
Instructions and Manuals	1SCC340008M0004

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	800 mm
Product Net Depth / Length	230 mm
Product Net Weight	50.14 kg

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Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	815 mm
Package Level 1 Depth / Length	910 mm
Package Level 1 Height	325 mm
Package Level 1 Gross Weight	54 kg
Package Level 1 EAN	6417019841915

Technical

Cable Entry Position	Bottom/Bottom
Cable Outlets Per Side	Blank / 8xring-flange+ø25.5mm
Color	Stainless
Connecting Capacity Main Circuit	Hole Diameter 10 mm Screw Clamp / PE Terminal 8pc,25 ... 120 mm²
Conventional Thermal Current (I_{the})	Fully Enclosed 400 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	4 NO, 2 NC
Mounted Auxiliary Contacts	4 NO, 2 NC
Number of Auxiliary Contacts NC	2
Number of Auxiliary Contacts NO	4
Number of Poles	6P
Pollution Degree	3
Power Loss	at Rated Operating Conditions per Pole 10 W
Rated Conditional Short-Circuit Current (I_{nc})	61.5 kA
Rated Impulse Withstand Voltage (U_{imp})	12 kV
Rated Insulation Voltage (U_i)	750 V
Rated Operational Current AC-22A (I_e)	(380 ... 415 V) 400 A (500 V) 400 A (690 V) 400 A
Rated Operational Current AC-23A (I_e)	(380 ... 415 V) 400 A (500 V) 400 A (690 V) 400 A
Rated Operational Power AC-23A (P_e)	(380 ... 415 V) 220 kW (500 V) 280 kW (690 V) 355 kW
Rated Operational Voltage	Main Circuit 1000 V
Rated Short-Circuit Making Capacity (I_{cm})	(1000 V AC) 65 kA

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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)

Categories

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

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