

PRODUCT-DETAILS

OT630ESUR3TZ

OT630ESUR3TZ Safety switch



General Information

Extended Product Type	OT630ESUR3TZ
Product ID	1SCA102336R1001
EAN	6417019371252
Catalog Description	OT630ESUR3TZ Safety switch

Long Description	<p>Safety switch, 3-p. 415V AC23 570A, 315kW. Mounted auxiliary contact: 2NO1NC.</p> <p>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.</p>
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Circular Value

Conflict Minerals Reporting Template (CMRT)	9AKK108467A5658
REACH Declaration	1SCC340076D0201
RoHS Information	1SCC340075D0201
Toxic Substances	1SCC340095D0201

Control Act - TSCA

Ordering

Minimum Order Quantity	1 piece
Customs Tariff Number	85363090
Country of Origin	Finland (FI)

Popular Downloads

Data Sheet, Technical Information	1SCC340015C0201
Instructions and Manuals	1SCC340015M0001
Mechanical Drawings	OTRK108033PBL8R.stp

Dimensions

Product Net Width	800 mm
Product Net Height	1000 mm
Product Net Depth / Length	330 mm
Product Net Weight	51.6 kg

Technical

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
Conventional Thermal Current (I_{the})	Fully Enclosed 570 A
Rated Insulation Voltage (U_i)	acc. to IEC/EN 60664-1 1000 V
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 Voltage (I_{cw})	for 1 s 20 kA
Rated Conditional Short-Circuit Current (I_{nc})	90 kA
Power Loss	at Rated Operating Conditions per Pole 25 W
Pollution Degree	3
Handle Color	Stainless Steel
Handle Type	Pistol handle
Standards	IEC 60947-1, -3
Special Functions	EMC
Number of Poles	3
Connecting Capacity	Hole Diameter 12 mm

Main Circuit	Screw Clamp / PE Terminal 8pc,25 ... 120 mm ²
Cable Entry Position	Bottom/Bottom
Cable Outlets Per Side	Blank / 8xring-flange+ø25.5mm
Degree of Protection	acc. to IEC 60529 IP65
Impact Resistance Rating	Housing IK09
Enclosure Material	Stainless steel
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
Tightening Torque	Main Circuit 75 N·m

Technical UL/CSA

Tightening Torque	Main Circuit 75 N·m
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Environmental

RoHS Status	Following EU Directive 2011/65/EU
Toxic Substances Control Act - TSCA	1SCC340095D0201

Certificates and Declarations

Declaration of Conformity - CE	1SCC340029D2704
REACH Declaration	1SCC340076D0201

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

Classifications

Object Classification Code	Q
ETIM 7	EC000216 - Switch disconnecter
ETIM 8	EC000216 - Switch disconnecter
ETIM 9	EC000216 - Switch disconnecter (low voltage)
eClass	V11.1 : 27371403
WEEE Category	4. Large Equipment (Any External Dimension More Than 50 cm)
E-Number (Finland)	3642119

Categories

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

