PRODUCT-DETAILS

OT630ERRR3TZ

OT630ERRR3TZ Safety switch



General Information

Extended Product Type	OT630ERRR3TZ
Product ID	1SCA102321R1001
EAN	6417019371108
Catalog Description	OT630ERRR3TZ 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	c690d492-4486-440b-95ce-09cc7407c5dc Finland
Simplified SCIP	86a79cdf-5ed1-475c-8fb5-1fe68bb1b285 France a05b4837-7269-463f-a2c7-abe1ee1a313e Germany 29a87417-67c1-4ab6-a7e8-30233a54b895 Poland 4de9eff6-4317-4bd6-a69d-4b2b4192250c Norway ff42d656-b8e4-4666-abc1-2b41d6e1bde8 Croatia 346ca3d8-1965-4b70-8615-10b740d39849 Hungary 8a0692f4-0d19-4b10-bfe2-bc73778930bf Estonia 89020594-9e94-4cfb-921b-d3beeced7188 Greece 54a03c95-202e-498d-8601-ab6b9b1c1866 Portugal 82d32b75-7f6e-4bc5-860b-f1ccf4816e7c Sweden 6991d82f-b014-409a-9ca4-5294ae02730c Germany 5a86458e-7e6c-49c0-9e10-c857717c4182 Germany 4b638994-91a2-4454-b6c3-7a744cc47113 France 180d9c63-6572-4a3b-930d-9742474e26e3 Hungary 82b18742-938f-444b-a9a7-e2637cb854cd Spain 79d51d2f-d32a-45ee-90e6-1f66316740d3 Belgium cbf3a4a8-5da0-4b53-9df0-fcf07d38aefa Belgium de44c173-5151-43ac-9ef7-cc997f793a13 Italy 8a6f1b37-9765-4e7a-872a-2d72a35eebe0 Germany d871e969-afad-4a7e-91f2-e99962c797a2 Denmark 550f1086-852f-4b26-a46a-67a70b0d284f Germany b7429803-7b98-4426-9b96-62f195cc8f32 Czech Republic d7758f5b-0872-4270-acbb-6876b7a2e4d7 Poland fd82b975-d1ac-4ccd-94dd-ad20fc113647 Netherlands 7b8874c0-b14d-4d5f-a6bd-31c1a84b740e Bulgaria 5165c27d-68da-43fa-8a76-5a3fabd5de7f Sweden 9a43b78c-7699-4d66-ab20-4a51b58fe5e9 Poland
Toxic Substances Control Act - TSCA	1SCC340095D0201

Popular Downloads

Data Sheet, Technical Information	1SCC340015C0201
Instructions and Manuals	1SCC340008M0004
Mechanical Drawings	OTRK104023P4R25.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	400 mm
Product Net Height	1000 mm
Product Net Depth / Length	230 mm

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Product Net Weight	34.45 kg

Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	415 mm
Package Level 1 Depth / Length	1110 mm
Package Level 1 Height	325 mm
Package Level 1 Gross Weight	36.9 kg
Package Level 1 EAN	6417019371108

Technical

Cable Entry Position	Top/Bottom
Cable Outlets Per Side	4xring-flange+ø25.5mm / 4xring-flange+ø25.5mm
Color	Stainless
Connecting Capacity Main Circuit	Hole Diameter 12 mm Screw Clamp / PE Terminal 4pc,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)	3642111
E-Number (Sweden)	3135044

Categories

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

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