PRODUCT-DETAILS

OT630KTRR3AZ

OT630KTRR3AZ EMC safety switch



General Information

Extended Product Type	OT630KTRR3AZ
Product ID	1SCA022742R3880
EAN	6417019240572
Catalog Description	OT630KTRR3AZ EMC safety switch
Long Description	EMC safety switch, 3-p. 415V AC23 570A, 315kW. Mounted auxiliary contact: 2NO1NC. Steel sheet enclosure. IP65. RedYellow Pistol handle. Interlocked cover. Defeatable interlocking. The enclosed switch is using a galvanised steel enclosure, with polyester coating. It is suitable for outdoor use with respect to UV light and ingress protection. The enclosure have inbuilt gas pressure relief function to protect the user in case of an internal arc. The door is earthed via the hinges. The enclosure is prepared for single and parallell cables. Cable entry types can be blank , ring-flange or C-flange type (FL21), with different cable configuration, like top/bottom or bottom/bottom. The handle is padlockable for 3 padlocks, cover is interlocked, and interlock function can be bypassed for thermographing.

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	c58a0137-984b-4ead-ab29-9b5a35a96f8f Finland
Simplified SCIP	21af7741-cb7b-43a7-ad95-0086712d3fc7 Germany e252cde7-4897-457e-9469-567f29ec1397 Hungary 7bf9b6cf-6f41-4d35-8e91-c2f210e05443 Spain 0e6cba54-a499-469d-b096-6a952d2c0e5c Belgium 6c522152-61ee-4dee-840c-d087e68aeac9 France ee28857e-ecfb-431f-bda0-d2cde6fdc5ac Germany 7ee8a07a-5acc-4ad1-8e17-e87b897395bd Germany 39c7e935-b175-4ac0-b3af-3bd3873dfead Croatia 1d28e461-8b59-4c89-970e-b0c4a64f6987 Germany 686afd41-0abc-4bf1-b045-aef4bea7a220 Czech Republic 6f98c79c-ea48-4b87-84e9-0ab950025505 Belgium 6d900b15-833f-4944-a94d-f42acd81ee72 Bulgaria 21afd7f7-1e46-41b4-9eb9-392a11845b0c Portugal 840e37c3-723f-4d51-b599-57952bcffb8f Greece 292fdbe4-7e11-4f4c-9b37-097947792f0a France f7111ea4-9a33-439b-8f6b-e2eff894a2f7 Sweden 1fd758a0-b843-4fc9-bb2f-4b8a60e20e76 Norway a5585c16-b826-4510-8780-530f2b0f52d2 Poland f29c7773-24b1-48ad-bac5-82e04007e22c Sweden be6458dc-1c09-41d1-8725-199500c3eef4 Poland 977c73a1-f35d-4d89-8dd8-53920be21059 Netherlands 4dfd4e46-e243-4598-994e-d74af65e20b1 Poland 3e0dda94-561f-4136-bf03-bcec4eafd434 Germany ed024be3-d156-4d92-a776-bb0c71c7cb26 Italy f1f1c19f-dba1-49d3-a14b-f0b2bdd963a3 Denmark 31162b2d-bdd2-4b57-95bc-5248e1200a66 Estonia 37bb413f-1a4d-4a0f-a3f1-d33a297c1671 Hungary
Toxic Substances Control Act - TSCA	1SCC340095D0201

Popular Downloads

Data Sheet, Technical Information	1SCC340015C0201
Instructions and Manuals	1SCC340016M0005
Mechanical Drawings	OTKM104023P4R.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 /	230 mm

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Length	
Product Net Weight	28.55 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	31 kg
Package Level 1 EAN	6417019240572

Technical

Cable Entry Position	Top/Bottom
Cable Outlets Per Side	4xring-flange / 4xring-flange, Knock-outs: 3x10mm, 12.5mm, 20.5mm, 25.5mm, 32.5mm
Color	RAL7032
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	Steel sheet
Handle Color	Red / Yellow
Handle Type	Pistol handle
Impact Resistance Rating	Housing IK09
Maximum Mounted Auxiliary Contacts	2 NO, 2 NC
Mounted Auxiliary Contacts	2 NO, 1 NC
Neutral Type	No Neutral Terminal
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	(1000 V AC) 80 kA

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Making Capacity (I_{cm})	
Rated Short-time Withstand Current Low Voltage (I_{cw})	for 1 s 20 kA
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)

Categories

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

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