



 PRODUCT-DETAILS

OT630KUUR3AZ

OT630KUUR3AZ EMC safety switch



General Information

Extended Product Type	OT630KUUR3AZ
Product ID	1SCA022725R2970
EAN	6417019233796
Catalog Description	OT630KUUR3AZ EMC safety switch

Long Description	<p>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 parallel 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.</p>
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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	c97b180e-3082-41e7-b5c7-9875d07ee99a Finland
Simplified SCIP	2cbe2c41-35ce-40f7-b25b-70430454bca9 Germany 1150a8b2-0f0f-4713-8d08-49441723cbe3 Croatia 728b1132-9047-41e6-b0fa-5f71a46c2a7b Poland 4179308c-6245-4330-9ef4-b18045876b5e Sweden a0d51c58-d9ba-4b31-9b4b-275f4763073e Spain e67ff98e-a56a-4f39-b438-ee2776ea9273 Hungary a9df28cc-0a63-4386-8df1-6976f6ebf57b Czech Republic 1f255b83-ff7c-4880-a85c-8e5da8140eee Belgium 078effc6-c100-4e66-9e8b-955473ef372a Germany b59f7115-e039-46af-8f5a-281e4db4124b Germany ab984f8e-4ea5-49cf-b29f-64cf21ef9e70 Bulgaria 6169ad13-035e-40ed-84d9-2fa8d0239832 Greece 55a57645-e1a6-4030-9310-53b4b5af3e3a Sweden e139b061-6e04-419c-a100-24c7a00acb09 Portugal 7207c1f3-1e95-4381-94de-318f2f4552ea Poland 2d547d82-ec9b-4cbf-9448-3f5d98f061ba France e71b49b0-5e03-4724-8dfb-927c766802e6 France e3c4b578-9a86-4921-a137-d835849c1895 Netherlands e4c913f1-4b51-4b7a-a591-dda0e14ad495 Hungary 725c2d35-212f-421b-bfe4-9bf059f75245 Germany 81be4d63-9f51-48ba-86ab-4ea8fd2704db Germany 71122371-782f-4f74-b866-6bd426c81613 Denmark 3f6d799a-3f59-4a5b-85e2-67cec2895126 Estonia b4899c27-d3c5-49d7-9ea5-6aad6920cdf Belgium c06e0700-ce8e-48aa-baec-279f8995d062 Poland aa30ecc5-331c-4444-ae2a-cb674f72f639 Italy 49d87993-7558-48a5-93f2-25b8d823c678 Norway
Toxic Substances Control Act - TSCA	1SCC340095D0201

Popular Downloads

Data Sheet, Technical Information	1SCC340015C0201
Instructions and Manuals	1SCC340016M0005
Mechanical Drawings	OTKM108023PBL8RDD.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 /	230 mm

Length

Product Net Weight	43.8 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	1310 mm
Package Level 1 Height	425 mm
Package Level 1 Gross Weight	50 kg
Package Level 1 EAN	6417019233796

Technical

Cable Entry Position	Bottom/Bottom
Cable Outlets Per Side	Blank / 8xring-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 8pc,25 ... 120 mm ²
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 Impulse Withstand Voltage (U _{imp})	20 kV
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 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
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External Classifications and Standards

Object Classification Code	Q
ETIM 9	EC000216 - Switch disconnecter (low voltage)
ETIM 10	EC000216 - Switch disconnecter (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

