PRODUCT-DETAILS

OT630KAUC3AZ

OT630KAUC3AZ Safety switch



General Information

Extended Product Type	OT630KAUC3AZ
Product ID	1SCA022513R0440
EAN	6417019166537
Catalog Description	OT630KAUC3AZ Safety switch
Long Description	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	5c64dc0a-c2ea-450d-9da3-3f5cc453d18d Finland
Simplified SCIP	c4c26037-3a5d-468e-859e-e2c1ab19ddde Poland cc41868c-e246-48d1-b62f-d217b7f8db50 Germany 9130cec8-f92f-471f-bba7-1fb1bd4f5a47 Germany ce012493-9e4b-4322-be1b-d6b60bf7b57e France 416154b4-67ad-41d8-80b5-18dec4dd627a Spain f9d1f95c-c917-40d2-b596-2ed30e191ff3 Hungary 81a37c67-39f9-4730-b248-7d7de2fe90aa Belgium 08a42799-8ec7-4fae-b9e7-d2a63309403f Poland b7efad69-d57d-434e-b912-c11b388eb5bf Norway 10255b45-3b50-4c1b-9e2a-df8dad164d76 Germany f06db91d-54e6-4d51-bab5-c76c931196fa Belgium cdecc843-be75-4038-ab0c-ca478007db5d Germany 51ffac28-6e41-411b-b0cc-c76ec6beb5a1 Italy 04d323e4-1f1f-450f-8b9a-1bb7ad17a539 Denmark ed7ae8ee-4e7e-4513-9094-26d3a176217e Germany b1e30d4a-1e2c-4501-ab8f-27bc7c120e92 Sweden b6ff392a-c7d3-40a6-8fd8-2cb810460954 France 7c9c2957-df48-4f40-9183-4c4edae444d6 Croatia 9083102f-e524-4176-aa2b-a34ea4a4475b Poland cf38d69a-9212-469b-a854-71ed6560420d Czech Republic 8eb7031f-363a-4790-9a10-886a8cab6f2a Estonia 9999e6da-e14a-4e00-be1e-f730a7300e8e Hungary f3adfa03-34c0-42ae-8db8-5570a0a46102 Netherlands ff9237b1-20b2-4835-b5c4-b5710df2df18 Greece 4ab298b4-0807-43b2-93a4-3d9c7dd67d08 Sweden ae89675b-4f73-4542-87a8-9fd30ec0179f Bulgaria 3c14f1b0-4b7b-443b-a79c-2e7eea120d57 Portugal
Toxic Substances Control Act - TSCA	1SCC340095D0201

Popular Downloads

Data Sheet, Technical Information	1SCC340015C0201
Instructions and Manuals	1SCC340016M0005
Mechanical Drawings	OTKM108023PBL4C.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

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Length	
Product Net Weight	52.5 kg

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	58.7 kg
Package Level 1 EAN	6417019166537

Technical

Cable Entry Position	Bottom/Bottom
Cable Outlets Per Side	Blank / 4xC-flange, Knock-outs: 2x10mm, 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 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
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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