PRODUCT-DETAILS

OT630KAUC3TZ

OT630KAUC3TZ Safety switch



General Information

Extended Product Type	OT630KAUC3TZ
Product ID	1SCA022340R2550
EAN	6417019116471
Catalog Description	OT630KAUC3TZ Safety switch
Long Description	Safety switch, 3-p. 415V AC23 570A, 315kW. Mounted auxiliary contact: 2NO1NC. Steel sheet enclosure. IP65. Black 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	9607a8ba-1c74-4f1a-9cfd-e910c55df094 Finland
Simplified SCIP	4cbff85f-3ca0-4b79-978d-54fcf2358c3b Germany e48101a6-f63d-47dd-b2db-ee540534f064 Sweden 1316c4c2-0bad-478d-b0a1-1269c7bc24b9 Poland 94212320-b78d-4acb-be28-5f763c0c6f2d Belgium 8684d461-2349-43fe-96b7-59f8a0bf9c40 Germany fadf275a-f375-488f-b069-b74b5bf7af90 Italy 186bd68c-4d13-40b5-814b-5b49a8abf379 Sweden b3782692-f7af-40e1-aec5-d2577c84355d Germany 64f2ac0c-e4ea-4c9f-bd05-0c85034e2970 France f6cf4462-9356-4d41-a529-4dfe71d1085e Germany a4115bb8-6de4-4277-b453-391248c11fdb Germany b3827d19-907c-4511-bed7-3e4a8b36eb9a Denmark b2ecc384-f527-4c8b-9a53-985dac4ef85c Poland c53b200a-7574-4257-bf6b-cc128e5a5266 Norway bdbac846-c84b-49b5-9779-87d468d48e7f Belgium 18ee409c-b51e-467a-b68d-a20a47de30e8 Croatia c1cba936-fba2-4298-913a-0c115c7dbfe6 Estonia 3ce3db98-090f-4236-ab7a-822769d4544d Greece 5edc6014-eb3b-4e13-ba38-b5142cabe1d5 Hungary 2ac0613c-8cdf-4f18-9dd1-166bec2feedd Netherlands 676c770d-cf76-4c2d-b2a0-7281a4339e99 Czech Republic 098e3084-059b-47c6-bf4b-35baa1e63914 Poland c76f7e72-f267-4b75-9687-caaf51ed61ac Hungary df3b5602-9cb6-4cb1-8978-fd403d4d4252 Portugal def3f96c-9ca9-4c3f-9469-d78c31cf0596 France c323028f-3cd8-4c89-965d-c159a5dd2da0 Bulgaria 1cb285c4-6c7e-4523-95d4-56cb4e244664 Spain
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	45.1 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	51.3 kg
Package Level 1 EAN	6417019116471

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	Black
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
Position of Line Terminals	Bottom In - Bottom Out
Position of PE Terminals	Bottom In - Bottom Out
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

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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
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)	3642831
E-Number (Norway)	1429174
E-Number (Sweden)	3140656

Categories

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

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