PRODUCT-DETAILS

OT250KAUR3AZ

OT250KAUR3AZ Safety switch



General Information

Extended Product Type	OT250KAUR3AZ
Product ID	1SCA022513R1170
EAN	6417019166605
Catalog Description	OT250KAUR3AZ Safety switch
Long Description	Safety switch, 3-p. 415V AC23 250A, 132kW. 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	48e3d08c-6dcb-4b79-885d-a4cc22b0cb4c Finland
Simplified SCIP	4b458058-83b4-4cd6-a3d8-477341780737 Germany 69370a63-b290-43a7-879f-e4942a90844c Spain e17dcc18-f85b-4c25-95e5-7c390a18aa60 Poland 0a062988-4251-4c23-9a4d-24ce27f710c6 Greece 1996824c-c749-438a-8c8d-f116e42a725f Hungary a8e2f0c3-6bf4-4e26-9748-c5b12de94817 Estonia e21101fb-c1ff-4dcd-8b8e-82fee6efa7b0 Portugal a4ad1acb-f098-4dbb-a666-34aaf217fab0 Poland ca8e35c0-3768-42aa-aa7e-4c59db28e61f Netherlands b91e6126-b8c1-41e9-9e50-c6862cde5f7d France ca794f5f-179c-4c71-898e-8fdb23a03347 Italy 4fb12e42-867c-4c9b-a8f0-f0e407daa186 Denmark 053c0c75-a735-47db-bdbb-ef2939f19d00 Belgium a20c5cee-d6b2-4495-bd1a-10a3a7427dc6 Germany a0750b4d-7feb-4bce-bff6-9dc5a7b4ca7a Germany 3fb6e018-abb8-4588-b427-cfc6573abcfe Hungary 0afecbda-49d7-441b-8bf0-43cbc87f360a Sweden e850a739-1d86-4510-965e-0cb3089b614e Sweden a5fa725a-afff-431c-b4e0-3df6af9ea7cb Bulgaria b3d4493d-3963-4c7f-af3c-d19fc7e18d6f Germany 6c6b2341-228e-48e9-8882-7f1284b28e78 Germany 54492756-5a5d-4892-ab42-e7503cedc017 Czech Republic 8bf93b34-3c91-409c-b9dd-7f7873a09f7b Croatia 93942d90-c131-4d59-9a07-878b4d97acae Norway 52006e0b-9ad2-45fb-9ec3-4bce25079d59 France 9c1e2f99-9970-4ed8-b6cf-022898969b59 Poland cd3dd293-17ad-4d84-8caf-2ce8b17d6c24 Belgium
Toxic Substances Control Act - TSCA	1SCC340095D0201

Popular Downloads

Data Sheet, Technical Information	1SCC340015C0201
Instructions and Manuals	1SCC340016M0005
Mechanical Drawings	OTKM804023PBL4R.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	800 mm
Product Net Depth /	230 mm

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Length	
Product Net Weight	23.95 kg

Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	415 mm
Package Level 1 Depth / Length	910 mm
Package Level 1 Height	325 mm
Package Level 1 Gross Weight	26.1 kg
Package Level 1 EAN	6417019166605

Technical

Cable Entry Position	Bottom/Bottom
Cable Outlets Per Side	Blank / 4xring-flange, Knock-outs: 3x10mm, 12.5mm, 20.5mm, 25.5mm, 32.5mm
Color	RAL7032
Connecting Capacity Main Circuit	Hole Diameter 8 mm Screw Clamp / PE Terminal 4pc,25 ... 120 mm²
Conventional Thermal Current (I_{the})	Fully Enclosed 250 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 6.5 W
Rated Conditional Short-Circuit Current (I_{nc})	40.5 kA
Rated Impulse Withstand Voltage (U_{imp})	8 kV
Rated Insulation Voltage (U_i)	750 V
Rated Operational Current AC-22A (I_e)	(380 ... 415 V) 250 A (500 V) 250 A (690 V) 250 A
Rated Operational Current AC-23A (I_e)	(380 ... 415 V) 250 A (500 V) 250 A (690 V) 250 A
Rated Operational Power AC-23A (P_e)	(380 ... 415 V) 132 kW (500 V) 160 kW (690 V) 200 kW

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Rated Operational Voltage	Main Circuit 1000 V
Rated Short-Circuit Making Capacity (I_{cm})	(1000 V AC) 30 kA
Rated Short-time Withstand Current Low Voltage (I_{cw})	for 1 s 8 kA
Recommended Screw Driver	Main Circuit M8
Standards	IEC 60947-1, -3
Tightening Torque	Main Circuit 22 N·m

Technical UL/CSA

Recommended Screw Driver	Main Circuit M8
Tightening Torque	Main Circuit 22 N·m

Certificates and Declarations

Declaration of Conformity - CE	1SCC340025D2704

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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