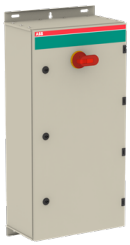
PRODUCT-DETAILS

OT250KAUC3AZ

OT250KAUC3AZ Safety switch



General Information

Extended Product Type	OT250KAUC3AZ
Product ID	1SCA022513R0100
EAN	6417019166506
Catalog Description	OT250KAUC3AZ 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	596e11f1-756c-4b36-a24a-68753f5697ac Finland
Simplified SCIP	972ddcf0-2225-4e6f-9fdf-db3b982b2d31 Germany 14608ccf-6b3f-4221-82fe-1532c5cf290f Spain 13b0be6c-c500-45d5-8056-ab1c818e04c4 Denmark 3e0906f4-eb47-4669-a5af-d08d10e0a198 Poland cef8ac55-0fa2-42a4-a468-07fa7b2b55a8 Netherlands bef5c921-e525-47c8-acfc-dd8270812942 Belgium 89244716-3647-4bcb-baf6-dd15f9fc2680 Estonia 1ca90734-f417-441d-985d-4844e7336a81 Greece 3dfa6ea9-6e09-42dd-ac22-5338ead970c8 Portugal 5ef29379-abf5-49c9-bad0-37dcb3d51445 Poland b795cbe6-d8d0-46b2-8b13-96e51edcb02d Hungary 0c85403e-d886-4e55-9b9d-708855e3779b France bacb647b-f74c-474c-9aae-440600469803 Germany b62e3225-b678-46e1-8dd1-98436b634409 Croatia 122dfcb5-7b57-4434-917b-cc96251b1831 Germany 5b3ff0b0-df3b-4ccd-bcbf-b3e58a46b81e Germany d57712c8-096e-493a-84d4-3adbd98a6b03 Sweden 2d3d80ca-286e-4943-b538-c3dd6b96929c Bulgaria 9bc443a7-1db2-4896-abe8-8f788b9a2da9 Hungary f15ca94f-2009-4fb7-9ac3-03a1251c4e1c Germany 20a87eb1-47bb-4b2b-92d5-5adc8fc8b478 Czech Republic d7a85f72-3f23-48ca-bfc5-a30a0262b823 Norway d328e302-141b-45f9-a1bc-5a6f3648dab4 France 00f67f41-220a-4aea-9c92-dd29bda5bd32 Italy d779c371-798f-44b5-875f-e6d4ea7d8549 Belgium 271665ac-698a-4ff7-a083-d4a64725fe68 Sweden 34705ae1-a6ef-4764-a279-f5e8a06a2dbe Poland
Toxic Substances Control Act - TSCA	1SCC340095D0201

Popular Downloads

Data Sheet, Technical Information	1SCC340015C0201
Instructions and Manuals	1SCC340016M0005
Mechanical Drawings	OTKM804023PBL2C.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	6417019166506

Technical

Cable Entry Position	Bottom/Bottom
Cable Outlets Per Side	Blank / 2xC-flange, Knock-outs: 10mm, 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
Rated Operational	Main Circuit 1000 V

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Voltage	
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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