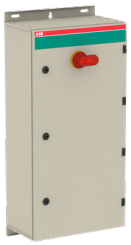
PRODUCT-DETAILS

OT315KAUC3AZ

OT315KAUC3AZ Safety switch



General Information

Extended Product Type	OT315KAUC3AZ
Product ID	1SCA022513R0280
EAN	6417019166513
Catalog Description	OT315KAUC3AZ Safety switch
Long Description	Safety switch, 3-p. 415V AC23 315A, 160kW. 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	71cac001-e9da-4f51-85ed-ad126987553f Finland
Simplified SCIP	c18e5d80-2406-4a1b-b5fb-a4f4dee4d18f Hungary dd37e227-c0c0-4352-b783-586e0dfa72eb Croatia 73ee7c74-8f28-4782-9e82-244815a38f3a Germany 9ed31840-7042-4bf6-aa1e-a63e3e598863 Denmark 334f0558-8377-4223-99bc-b32e2bd45425 Belgium 7d9334b0-69df-4852-a5e0-37d46676666e Spain b1ca6735-e51d-4ea8-a627-1841d45eaf62 Hungary f32f4d0d-2380-43c0-8a39-dcad915a7ae7 Germany 3a1e552f-ac68-40c3-b371-81301df7901b France 3ba5bf8a-d621-4146-8b82-e54ffa98fe30 Germany 7fcbb97b-432f-4906-b53d-73b504eb4922 Germany 02cafb76-4aad-456b-9377-79f98d46898d Italy 4d77e393-8104-49c4-88b6-821123702c8c Belgium 60229580-b110-4e36-8c82-abcf33c167bf Norway 4dd8c28b-cf24-4113-b430-f4f57aecb49e Poland b853cb1e-88b4-48da-ab1f-eaa31a813896 Germany b00317c5-605d-4866-84dc-1296e6f011d9 Sweden 085c4e52-e436-41b5-a7da-ab6b6ec463c0 France dd61de9c-81f2-4c0f-9a3b-a0967432ad92 Poland b82d1a99-c8dc-4146-afa1-8bbb7015f94f Sweden 215435fa-1aeb-4e21-a02a-71f4e806d283 Bulgaria e3f82fae-6875-4685-be19-499d26c33678 Portugal 13d0939c-f356-46a6-b965-f009931f25b6 Greece e32fb67f-1f23-44f3-a4df-1c621fd72b80 Estonia 6dc9eeb5-7510-4740-95b7-5d571a553ac8 Czech Republic b123eaaf-50a5-4aad-a0b3-f1f54cfabdfa Netherlands b3a28670-d1c0-4fce-996b-8be9e7004302 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	6417019166513

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 10 mm Screw Clamp / PE Terminal 4pc,25 ... 120 mm²
Conventional Thermal Current (I_{the})	Fully Enclosed 315 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})	61.5 kA
Rated Insulation Voltage (U_i)	750 V
Rated Operational Current AC-22A (I_e)	(380 ... 415 V) 315 A (500 V) 315 A (690 V) 315 A
Rated Operational Current AC-23A (I_e)	(380 ... 415 V) 315 A (500 V) 315 A (690 V) 315 A
Rated Operational Power AC-23A (P_e)	(380 ... 415 V) 160 kW (500 V) 200 kW (690 V) 250 kW
Rated Operational Voltage	Main Circuit 1000 V
Rated Short-Circuit Making Capacity (I_{cm})	(1000 V AC) 65 kA

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Rated Short-time Withstand Current Low Voltage (I_{cw})	for 1 s 15 kA
Recommended Screw Driver	Main Circuit M10
Standards	IEC 60947-1, -3
Tightening Torque	Main Circuit 44 N·m

Technical UL/CSA

Recommended Screw Driver	Main Circuit M10
Tightening Torque	Main Circuit 44 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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