PRODUCT-DETAILS

OT315KLCC3AZ

OT315KLCC3AZ Safety switch



General Information

Extended Product Type	OT315KLCC3AZ
Product ID	1SCA022512R6500
EAN	6417019166148
Catalog Description	OT315KLCC3AZ 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
REACH Declaration	1SCC340076D0201
RoHS Declaration	1SCC340075D0201
RoHS Information	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019

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SCIP	1e0f97da-2d13-459d-9430-5b74b0efc935 Finland
Simplified SCIP	898c87cf-9226-4752-9131-d64014bcb32d Germany
	86e01801-0152-4b03-89dd-8a6fdaff57f4 Poland
	b88b981d-8603-4488-94ee-ba4e3334a5ac Poland
	f73837b4-d46e-4029-a05e-534f0ca43676 Czech Republic
	68ebec25-5ed5-47b4-a07e-de15f7ba3ac1 Belgium
	b054c0bd-9644-4245-8ddb-e00d162ee34a France
	e13af9ac-47ac-4fab-add6-0f426010a720 Sweden
	4d418b42-1502-404f-96e3-2c7b11bd393d Bulgaria
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	86e01801-0152-4b03-89dd-8a6fdaff57f4 Poland
	f73837b4-d46e-4029-a05e-534f0ca43676 Czech Republic
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	ca045c79-5822-4c8a-bd71-7613d2627fa9 Germany
	93c58ec2-51f1-4d3c-b75b-a966804faf5a Denmark
	68ebec25-5ed5-47b4-a07e-de15f7ba3ac1 Belgium
	79549242-b93c-405d-a0cc-fa001293b44a Poland
	b47f53ac-34dd-44ae-a4a0-42326ebf4f4f Germany
	0f7ad6a9-845e-4f30-9282-40812e15bb3d Greece
	4bba5558-db49-4a6d-a983-ae7c31c30cf5 Germany
	9794b2ba-b053-4ca9-87aa-7fc76b8bce1d Germany
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	04170851-9c19-430d-96f2-3995d4e3e879 Belgium
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	3649be11-d05c-48a2-ad92-84106666e3b1 Poland
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	72aec2d4-f4c0-4de2-9a8e-96fb61ecdc7c Denmark
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	8e6fb242-827f-43db-9149-c00367b2c425 Portugal
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	82299f9a-81b0-42d3-8c97-7ed2d91f2fcd Croatia
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	64413bc3-54cd-4eea-8286-ae4531b1f720 Poland
	665f7975-2896-483d-8dbb-b5896bd8d4b0 Hungary
	d5a3d647-0e5a-4fca-87f7-9491707d3601 Germany

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Toxic Substances Control Act - TSCA	1SCC340095D0201

Popular Downloads

Data Sheet, Technical Information	1SCC340015C0201
Instructions and Manuals	1SCC340016M0005
Mechanical Drawings	OTKM604023P2C.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	600 mm
Product Net Depth / Length	230 mm
Product Net Weight	19.41 kg

Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	415 mm
Package Level 1 Depth / Length	710 mm
Package Level 1 Height	325 mm
Package Level 1 Gross Weight	21.1 kg
Package Level 1 EAN	6417019166148

Technical

Cable Entry Position	Top/Bottom
Cable Outlets Per Side	2xC-flange / 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,10 ... 70+4pc M8 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	2 NO, 2 NC

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Auxiliary Contacts	
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
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)

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Categories

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





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