PRODUCT-DETAILS

OT315KUUR3AZ

OT315KUUR3AZ EMC safety switch



General Information

Extended Product Type	OT315KUUR3AZ
Product ID	1SCA022725R2890
EAN	6417019233789
Catalog Description	OT315KUUR3AZ EMC safety switch
Long Description	EMC 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	a2e89ecf-48ce-4330-a1f1-5cdb7ea0f41c Finland
Simplified SCIP	e5da2e41-4c97-4a81-8414-53c3475bdf75 Germany 0d0605e1-c1e1-4f7c-ad30-d3b72e847614 France be93195e-aa0d-4f59-a0e8-b00d124af946 Germany 9e289e18-ca5c-4750-bd49-20bd9cba731b Germany 7ef1bf28-2500-4937-823e-438170ca8df8 Spain 862d84e1-dbbb-40ad-b418-c73cf5c5950d Belgium 041fc2a4-9714-4eb9-ac00-e9143a95bbc5 Hungary 21617b22-43f3-4056-992d-bc0fdf7edbcc Bulgaria 7b3af7a3-5e66-4367-9002-e3a5037b1ae2 Portugal 030dc3a1-3641-4816-8ffe-38ac4b4639aa Sweden 3daad7a2-15bd-403e-b675-67f68236e2da Poland ad6fefb1-2de1-4dae-8b9c-c6e247f963c4 France 7bc81c29-4157-4a6b-9763-fbfd3c79e370 Sweden cfb12b93-84f9-4c3c-a46b-cffa725b93b3 Greece be2d7436-45aa-4e9a-8788-8e7fdf9e1068 Germany bdb4de8c-ba56-4309-9e65-2dc0f3c153e4 Hungary ae5f9b02-442d-4473-906b-f8615623f36f Estonia eb47e81c-1400-45b4-9073-5b52f92841d1 Poland 0c111960-8096-4466-b059-ca24f804f274 Belgium 6f1f366f-c4cd-4edb-bb5b-e494c10acb58 Croatia 781f0ec0-c834-4de7-8654-c0d51a21c400 Czech Republic 552a63d1-6e0a-4af9-bdc9-59da3ac740d5 Norway bb983046-f1d1-4773-b781-28bfe06a925b Poland 72182de6-0fbc-49fd-a0bf-85a2da528396 Netherlands a8ad6d94-ae81-4d3e-9b41-640341cb77b0 Denmark be3b6701-9ef1-4d4b-99e0-d7a18c8f03ee Germany 9cb2e756-48e3-4942-9e4f-83b13cbd5b68 Italy
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	25.57 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	27.7 kg
Package Level 1 EAN	6417019233789

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 10 mm Screw Clamp / PE Terminal 4pc,25 ... 120 mm^2
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	(1000 V AC) 65 kA

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Making Capacity (I_{cm})	
Rated Short-time Withstand Current Low Voltage (I_{cw})	for 1 s 15 kA
Recommended Screw Driver	Main Circuit M10
Special Functions	EMC
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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