PRODUCT-DETAILS

OT315KAUR3TZ

OT315KAUR3TZ Safety switch



General Information

Extended Product Type	OT315KAUR3TZ
Product ID	1SCA022281R7210
EAN	6417019070414
Catalog Description	OT315KAUR3TZ Safety switch
Long Description	Safety switch, 3-p. 415V AC23 315A, 160kW. Mounted auxiliary contact: 2NO1NC. Steel sheet enclosure. IP65. Black 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	51ffe503-1aa2-4130-8dcc-acf6dcb44f2f Finland
Simplified SCIP	7b6281e6-1476-469f-8187-5d291c57526c Germany 6608f34d-c07f-4b62-8374-c595216fa6c9 Sweden 888be1f2-0b1d-40ae-83a1-082287a9f6fd Belgium d5229f14-d379-46d8-ab97-a565ebe1a85c Netherlands 92bb6467-07b0-490d-8747-3eacf9351461 Hungary 603b09c6-b2d0-40a6-a2fc-0c102aec06a6 Portugal d2aaea2a-157c-4cd8-993e-214e8c525250 Poland ee399964-aba3-4313-89cd-6090d1962b57 Bulgaria 56a17294-9d4c-404c-8602-b247ee525f80 Czech Republic d5229f14-d379-46d8-ab97-a565ebe1a85c Netherlands 6da85c24-1697-43ca-b6dc-eabaa1af1e38 Italy 194a72bd-2544-4db9-aaff-9b61d4364460 Germany 5c39f876-933d-48ed-8b47-43f8b0dc4db2 Greece 38b5afed-4768-4d65-adfe-f8098db13a14 Estonia 8e80cf52-73f8-4583-b1bf-7f50a8537a2c France ff2a3c0b-a952-4f57-85cc-6481c30d0441 Spain 4869359c-82e8-41a8-a227-530f0d62ebea Poland ee399964-aba3-4313-89cd-6090d1962b57 Bulgaria 5b9f809d-5fbd-4d24-8216-26c3f1cd60c9 Sweden d2aaea2a-157c-4cd8-993e-214e8c525250 Poland f1193728-78dc-44a2-9980-f2975e50b355 Norway c8463525-b16d-4fd3-a5ce-22e2912e5837 Denmark 2c1b87db-3965-442f-98c2-5bd0d350f51e Belgium 70e5d9c3-271b-452a-9142-150c7377c791 Poland 5b9f809d-5fbd-4d24-8216-26c3f1cd60c9 Sweden 959ccb39-7913-473f-a820-f3edd15442c1 Germany 2c1b87db-3965-442f-98c2-5bd0d350f51e Belgium 8e80cf52-73f8-4583-b1bf-7f50a8537a2c France 888be1f2-0b1d-40ae-83a1-082287a9f6fd Belgium 92bb6467-07b0-490d-8747-3eacf9351461 Hungary 6608f34d-c07f-4b62-8374-c595216fa6c9 Sweden bdced294-8fb7-42e6-993a-0c50831dcd67 France bdced294-8fb7-42e6-993a-0c50831dcd67 France 70e5d9c3-271b-452a-9142-150c7377c791 Poland 56a17294-9d4c-404c-8602-b247ee525f80 Czech Republic 861b16c1-aecd-4539-8828-7e75e90ccde4 Croatia ad463083-647b-4eb6-903d-9d9a38e560d7 Germany f1193728-78dc-44a2-9980-f2975e50b355 Norway fa97580a-36a3-45c2-9757-a70b34ebf9ad Germany 4869359c-82e8-41a8-a227-530f0d62ebea Poland ff2a3c0b-a952-4f57-85cc-6481c30d0441 Spain 38b5afed-4768-4d65-adfe-f8098db13a14 Estonia 603b09c6-b2d0-40a6-a2fc-0c102aec06a6 Portugal 5c39f876-933d-48ed-8b47-43f8b0dc4db2 Greece c8463525-b16d-4fd3-a5ce-22e2912e5837 Denmark 959ccb39-7913-473f-a820-f3edd15442c1 Germany 6da85c24-1697-43ca-b6dc-eabaa1af1e38 Italy 194a72bd-2544-4db9-aaff-9b61d4364460 Germany 186c74b3-079e-4ca3-85b5-6c3b6621eb17 Hungary 186c74b3-079e-4ca3-85b5-6c3b6621eb17 Hungary ad463083-647b-4eb6-903d-9d9a38e560d7 Germany 861b16c1-aecd-4539-8828-7e75e90ccde4 Croatia fa97580a-36a3-45c2-9757-a70b34ebf9ad Germany
Toxic Substances Control Act - TSCA	1SCC340095D0201

Popular Downloads

Data Sheet, Technical Information	1SCC340015C0201
Instructions and Manuals	1SCC340016M0005
Mechanical Drawings	OTKM804023PBL4R.stp

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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 / Length	230 mm
Product Net Weight	24.85 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 kg
Package Level 1 EAN	6417019070414

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 mm²
Conventional Thermal Current (I_{the})	Fully Enclosed 315 A
Degree of Protection	acc. to IEC 60529 IP65
Enclosure Material	Steel sheet
Handle Color	Black
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	1

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Contacts NC	
Number of Auxiliary Contacts NO	2
Number of Poles	3P
Pollution Degree	3
Position of Line Terminals	Bottom In - Bottom Out
Position of PE Terminals	Bottom In - Bottom Out
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)
E-Number (Finland)	3642807

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E-Number (Norway)	1429150
E-Number (Sweden)	3140670

Categories

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





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