PRODUCT-DETAILS

OT250KUUR3AZ

OT250KUUR3AZ EMC safety switch



General Information

Extended Product Type	OT250KUUR3AZ
Product ID	1SCA022725R3190
EAN	6417019233819
Catalog Description	OT250KUUR3AZ EMC safety switch
Long Description	EMC 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
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	6bd9c196-65f4-4327-a369-1e9e503fedf4 Finland
Simplified SCIP	96f9cbf1-fbde-4a41-bc34-2df77e34df7c Germany 7e193559-ad27-4794-8da5-712789c63bce Estonia 7f8b0797-7adc-497e-8234-d7b7fa5175e7 Bulgaria 84d51634-d4c8-46a9-bc9b-9940b733be77 Portugal 7f131575-1766-4a70-a2d7-1906b906f3a1 Greece 77fc2d07-78f6-48d8-8b1e-75a662e996a7 France ef26cfa5-20d5-44d7-9647-89d41e4e1b75 Germany a9604f2a-0a27-4762-8bbc-0b8769fdb846 Germany 993ff6e2-d8d9-4627-9e20-38c0e7790c84 Czech Republic f8bdb670-4240-4e65-a05c-65a8c33fdb2e Belgium 4d3234d3-a6dd-4051-9fff-0a57bb21206a Croatia e9342269-ee45-4ca7-a565-b3ffcef7b368 Germany 4bdb6db7-6e1f-4d08-abc6-979c45d9e726 Denmark 4b88f00b-a3f9-499c-a770-e2e4df6ac87b Hungary 4987df58-114d-4e4b-9866-b906eb9e0f59 Germany a8573eb9-47ff-4624-9dac-11495ac65649 Belgium 1934eae5-e3c9-440b-8453-e89c203120dc Sweden ea6efe5c-1942-450d-800d-58d3af4701d4 Poland ba750c6e-b81c-4559-8162-4c7940ac8c0c Italy 8d0b99b9-e9e1-48a8-9716-ebccc66754d5 Netherlands 8196f026-18ca-43ad-a56e-eec7a6b1381e Poland ad909b30-0cda-4047-a8cb-dff6088a1504 Sweden a015597d-bb0b-4575-a08d-75c49c78343f France bd105dae-14e7-4abe-aa05-4a47b0e7c8ad Norway 9c1efce4-25ea-4c8d-a263-31c6d1fe9959 Spain e2d4b61e-d38c-417c-99d4-08ee5f0d8dc9 Hungary 9179b69c-77b8-4f36-8451-0551ffd8e7ad Poland
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 / Length	230 mm
Product Net Weight	25.55 kg

Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	415 mm
Package Level 1 Depth /	910 mm

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Length	
Package Level 1 Height	325 mm
Package Level 1 Gross Weight	27.7 kg
Package Level 1 EAN	6417019233819

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 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 Voltage	Main Circuit 1000 V
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
Special Functions	EMC
Standards	IEC 60947-1, -3
Tightening Torque	Main Circuit 22 N·m

Technical UL/CSA

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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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