PRODUCT-DETAILS

OT250KTRR3AZ

OT250KTRR3AZ EMC safety switch



General Information

Extended Product Type	OT250KTRR3AZ
Product ID	1SCA022742R3530
EAN	6417019240558
Catalog Description	OT250KTRR3AZ 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	a5f92b09-dbd6-480b-b154-1202d3187ef8 Finland
Simplified SCIP	e6630bf5-7cc5-4328-aee5-aac1d4267e15 Germany 122a337a-4adb-456d-b71c-c78816a61212 Germany 354dc77d-25d1-431d-ad6a-ddcc3b72d18a Greece de01a2af-1d06-477b-966e-a8a99b284fb9 Portugal 30cc16b5-590e-45d7-ad33-219b0d3478ab Bulgaria 3df62082-3387-425c-bbca-5a6680c086d3 Germany 9416caed-fb6c-489c-be3b-a0e49e95dca1 France 031e3150-b1ee-4f67-b3e2-35f760d8ae71 Germany 3910a17e-46c2-451f-a162-6ffb868afe80 Hungary 6a623527-e630-4a4c-a30f-8df2d2277b9b Estonia bc8c3e64-1a6f-46ff-b8d8-9fa930eec15c Italy 8327dcd2-3c08-4d97-bfb9-b40eea6731fa Belgium 791927cb-b4fe-41bf-9249-b65e87b953d3 Poland 82e67050-d8de-4b0e-86eb-9cd9ad671c3a Sweden 49348f96-b925-4c0a-960c-3d6a0937e8f4 Netherlands 9c8497c5-d89a-4902-a42b-be5490da237c Poland 398e2221-2483-4949-be6c-471440458c0c France 635b9413-3fc5-4866-bce3-c4cda1d64bfa Sweden 05d4217a-942a-4a40-b8ea-db0274c5765e Hungary 881648a5-232e-4039-b6e4-4f77ed9ae74e Poland 6258aa90-4045-4c0a-ac88-ed73e46e6d0d Spain c4a0a3dc-2139-4387-807f-ca7a89ed32ec Norway 4d7dbfb5-daa5-4d5a-86bf-6dbb8f1ec3a8 Belgium 6fc6a147-bf74-4fbc-8096-bb0c89d37a1d Czech Republic 2a09b752-d11a-4015-8bac-86add1b0b3a4 Croatia 0538764e-d82c-49e4-b366-76f2b7e0e08c Denmark dc2d186a-13a1-4f3e-b83a-713162729b08 Germany
Toxic Substances Control Act - TSCA	1SCC340095D0201

Popular Downloads

Data Sheet, Technical Information	1SCC340015C0201
Instructions and Manuals	1SCC340016M0005
Mechanical Drawings	OTKM604023P4R.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	19.31 kg

Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	415 mm
Package Level 1 Depth /	710 mm

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Length	
Package Level 1 Height	325 mm
Package Level 1 Gross Weight	21 kg
Package Level 1 EAN	6417019240558

Technical

Cable Entry Position	Top/Bottom
Cable Outlets Per Side	4xring-flange / 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,10 ... 70+4pc M8 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 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

Recommended Screw Driver	Main Circuit M8

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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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