PRODUCT-DETAILS

OT200KTRR3AZ

OT200KTRR3AZ EMC safety switch



General Information

Extended Product Type	OT200KTRR3AZ
Product ID	1SCA022742R3450
EAN	6417019240541
Catalog Description	OT200KTRR3AZ EMC safety switch
Long Description	EMC safety switch, 3-p. 415V AC23 200A, 110kW. 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	0c29773d-8182-41ad-a562-a2ecd417ccd7 Finland
Simplified SCIP	16b60339-d4d7-4e36-92f1-1a006aae2142 Germany 5b837c36-014b-4b48-ab0d-559762f984e2 Estonia d094be9b-1d0d-40a3-b739-1504ba1c78d3 Germany b0172746-46b2-4f71-966f-96b1c9a894a5 Germany d615bfb4-3651-474e-bd4c-dd96e7a57d20 Germany 5b492d5c-b7d7-4e41-ad10-629aa5d569d8 Belgium 5ea6b91f-f41e-4ee0-b9ec-ac17c8d7f179 Czech Republic 1097d555-a3b1-4f5c-a63f-485a08d61789 Spain 8a2fb32b-73d2-4b39-99a7-d4f860cc262f Hungary 8bd67266-3f65-41ce-8b56-0db67316f765 Croatia 19ef38f6-04f9-43a8-8957-36da0ac15211 Norway 522152bc-7137-49b0-9872-397653a31015 Italy b46b869b-8d83-4f71-8756-c6ce2a4c9ee0 Bulgaria 4141b634-f1aa-4687-a90b-87acaaa20d74 France 613e9ac7-44ee-406f-8ed7-a136cbf8df6c Greece 6399fb86-22ae-4b0b-95fd-21d1fabdc1d2 Sweden 8aca7e44-63de-4d78-8153-d4edef46feff Portugal 17e4839f-a5c2-4d80-9d20-3c7561524c4a France a1070f35-a7ee-4dc2-9325-996803c62bfb Poland 7a73e580-6fe2-456f-8e5a-2391c34783bb Belgium 19344b53-5d50-460a-9108-5e6b2dbd9186 Poland 90b39cda-fe60-46aa-8f4d-91504a54b8ac Sweden cb9768c7-5b52-4219-ae2a-d132a9ab8eea Poland 57796851-892c-4c4a-9cac-83571521cafa Germany 88c79de2-f599-44b3-b55c-9e2beb8dd8e6 Netherlands b4ac6ffc-4e9c-4018-935a-86b4c4d34997 Hungary 75564f7c-1bc4-4e21-ab8f-d5c7e1ce84e7 Denmark
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 /	230 mm

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Length	
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 / Length	710 mm
Package Level 1 Height	325 mm
Package Level 1 Gross Weight	21 kg
Package Level 1 EAN	6417019240541

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 2pc,10 ... 70 mm²
Conventional Thermal Current (I_{the})	Fully Enclosed 200 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 4 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) 200 A (500 V) 200 A (690 V) 200 A
Rated Operational Current AC-23A (I_e)	(380 ... 415 V) 200 A (500 V) 200 A (690 V) 200 A
Rated Operational Power AC-23A (P_e)	(380 ... 415 V) 110 kW (500 V) 132 kW (690 V) 160 kW
Rated Operational Voltage	Main Circuit 1000 V
Rated Short-Circuit	(1000 V AC) 30 kA

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Making Capacity (I_{cm})	
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
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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