PRODUCT-DETAILS

OT125GUUR3AZ

OT125GUUR3AZ EMC safety switch



General Information

Extended Product Type	OT125GUUR3AZ
Product ID	1SCA148443R1001
EAN	6417019779195
Catalog Description	OT125GUUR3AZ EMC safety switch
Long Description	EMC safety switch, 3-p. 415V AC23 125A, 55kW. Mounted auxiliary contact: 1NO1NC. 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	54b9d5e7-6b7c-488b-9903-14b586024b5b Finland
Simplified SCIP	c468d2f2-c941-47ca-8738-dabe58724720 Germany fe518509-e1b6-43c7-9f4f-e5baea5e7beb Portugal 4b755845-aeec-4e5e-a05a-d0fae853f6d1 Greece 652ba45f-aa56-42ce-a95c-4dc93627d735 Germany b35865c5-2429-4ae5-b13a-ffc68f3d583e Denmark c59f7ce2-40f1-4b62-bb1a-949e7946ae17 Belgium 68d9e64e-43e5-4f5f-b2f6-8045276e9be0 Croatia 2d4aa055-3a16-4ed2-88ae-5b662dc469fd Czech Republic 6fc2728c-3a8b-42ec-a338-15704aff6c0e Germany 61af3d94-7aac-42e6-a1ca-4f55ced515e6 France 113578f6-ab82-44fa-8deb-760cbc0fff2c Germany e1b6fd58-f020-4d9e-a1ea-dedf31ff7cbe Germany d4819488-5e35-4d90-9195-2a7eea675dff Hungary c8b1946b-f569-4239-9e16-732695670ae0 Poland f27b9a5c-4866-41eb-a68b-ac6ccf2c7df3 Sweden 3cc4d435-7060-4660-9388-bf62715e5ba5 Belgium 56aec8e2-658a-4036-b34b-52f1b2b6091c Estonia 1cf32a60-b4ac-42ef-97bb-1e1785d7e44c Italy e66501aa-67a0-4985-89ec-8df475ee2d52 Netherlands 26911519-aea2-4a7b-a3cd-1cfd0d5dfc3a Poland a84eaaf0-a03c-4739-b5c6-8bef36524c48 Hungary e8032f1f-861a-4cbc-9bc5-3722056e67c9 Poland 6da436fc-b728-46bf-ad2d-0b98e99b666b Sweden b316f010-c4d0-4757-a6b6-d721916d6e57 France 1302d5c4-1ab7-49ef-ab87-744dacb3f53c Bulgaria 88931048-0571-4be0-adda-d0fdcd6202ff Norway c5cd0cf4-99bc-4efe-abf1-52ed14024bc4 Spain
Toxic Substances Control Act - TSCA	1SCC340095D0201

Popular Downloads

Data Sheet, Technical Information	1SCC340015C0201
Instructions and Manuals	1SCC340005M0007
Mechanical Drawings	OTKM404023PBL4R.stp

Environmental

Degree of Protection	acc. to IEC 60529 IP65
Pollution Degree	3

Ordering

Minimum Order Quantity	1 piece
Customs Tariff Number	85363030
Country or Territory of Origin	Finland

Dimensions

Product Net Width	400 mm
Product Net Height	400 mm
Product Net Depth / Length	230 mm
Product Net Weight	14.8 kg

Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	415 mm
Package Level 1 Depth /	510 mm

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Length	
Package Level 1 Height	325 mm
Package Level 1 Gross Weight	16.3 kg
Package Level 1 EAN	6417019779195

Technical

Cable Cross-Section	10 ... 70 mm²
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	Screw Clamp 10 ... 70 mm² Screw Clamp / PE Terminal 2pc,10 ... 70 mm²
Conventional Thermal Current (I_{the})	Fully Enclosed 125 A
Degree of Protection	acc. to IEC 60529 IP65
Enclosure Material	Steel sheet
Enclosure Type	MSC
Handle Color	Red / Yellow
Handle Type	Pistol handle
Impact Resistance Rating	Housing IK09
Maximum Mounted Auxiliary Contacts	2 NO, 2 NC
Mounted Auxiliary Contacts	1 NO, 1 NC
Neutral Type	No Neutral Terminal
Number of Auxiliary Contacts NC	1
Number of Auxiliary Contacts NO	1
Number of Poles	3P
Pollution Degree	3
Position of Line Terminals	Bottom In - Bottom Out
Rated Conditional Short-Circuit Current (I_{nc})	24 kA
Rated Impulse Withstand Voltage (U_{imp})	12 kV
Rated Insulation Voltage (U_i)	750 V
Rated Operational Current AC-22A (I_e)	(380 ... 415 V) 125 A (500 V) 125 A (690 V) 125 A
Rated Operational Current AC-23A (I_e)	(380 ... 415 V) 125 A (500 V) 125 A (690 V) 125 A
Rated Operational Power AC-23A (P_e)	(380 ... 415 V) 55 kW (500 V) 75 kW (690 V) 110 kW
Rated Operational Voltage	Main Circuit 1000 V
Rated Short-Circuit Making Capacity (I_{cm})	(690 V AC) 12 kA
Rated Short-time Withstand Current Low Voltage (I_{cw})	for 1 s 4 kA
Recommended Screw Driver	Main Circuit Hexagon 4
Special Functions	EMC
Standards	IEC 60947-1, -3
Terminal Type	Screw Terminals
Tightening Torque	Main Circuit 6 N·m
Wire Stripping Length	20 mm

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Technical UL/CSA

Wire Stripping Length	20 mm
Recommended Screw Driver	Main Circuit Hexagon 4
Tightening Torque	Main Circuit 6 N·m

Certificates and Declarations

Declaration of Conformity - CE	1SCC340002D2703

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	5. Small Equipment (No External Dimension More Than 50 cm)

Categories

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





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