PRODUCT-DETAILS

OT125GAUC3TZ

OT125GAUC3TZ Safety switch



General Information

Extended Product Type	OT125GAUC3TZ
Product ID	1SCA148440R1001
EAN	6417019779164
Catalog Description	OT125GAUC3TZ Safety switch
Long Description	Safety switch, 3-p. 415V AC23 125A, 55kW. Mounted auxiliary contact: 1NO1NC. 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	c9ac190b-f15c-48c0-b96f-b9be5d975c08 Finland
Simplified SCIP	0b016db5-9108-464e-a331-dcdf738d3aad Germany cf0bc482-76f9-47a4-9e4a-62ff0c642077 Norway 7734e5e2-4da5-44f1-bcf5-6f21bdafa0d6 Hungary 52fe6ba1-000e-4f6a-88eb-f55b11f4e6b1 Belgium 1c3e9589-5efd-4601-9443-6c555402dc24 Italy b5dcd371-994e-47fa-ae22-31b1928276ea France 6e37f7bc-79b9-497b-a201-908e64c79153 Belgium 74f79e1a-74e0-46c6-ad30-6f69824f5725 Denmark 2f77522b-b6c0-4942-b174-82b875402591 Poland f46efe85-025c-433a-a053-080f60c1820d Portugal cc65bc2f-fa18-4a29-b278-e087aff3cca9 Estonia bfdcb24f-79e8-40ba-9a0a-496d7f5ff16c Greece 40690afb-179a-4016-982e-050659f7b135 Netherlands 6c3d4986-061d-495e-81a1-377a5ca7f56f Sweden 5aacd822-aea7-4cd3-a73c-7a0c90da3e81 Spain 1689679e-165f-49bd-9e6c-f417ab8ecd6c Croatia 23f0fbb3-3696-44ed-88c6-eb2bd36ea1c2 Germany 8efd0ec4-5e8a-48f8-85da-c03986d4be2b France e1703511-e6cb-4b18-9bb1-a57cb39908fc Germany 4d8c1a71-df70-42cd-8393-c2e752c33b05 Hungary 8fd7ce6d-9e9e-480f-8fe8-787f1c4e8a5e Germany b13eea32-9d79-4d59-8885-3f980bcba240 Poland 43e99891-f445-460d-8ac6-5dcc647ab33c Czech Republic 238029b5-a732-4a3e-a9e6-e349ea0af8e2 Germany c89084f9-ca47-4402-b340-244cc2aec39f Sweden 17140530-47a9-48ce-b5f7-c7fe5f7875b0 Poland 434f6753-33c6-48aa-920d-05da0cedeee5 Bulgaria
Toxic Substances Control Act - TSCA	1SCC340095D0201

Popular Downloads

Data Sheet, Technical Information	1SCC340015C0201
Instructions and Manuals	1SCC340005M0007
Mechanical Drawings	OTKM404023PBL2C.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 /	230 mm

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Length	
Product Net Weight	14.5 kg

Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	415 mm
Package Level 1 Depth / Length	510 mm
Package Level 1 Height	325 mm
Package Level 1 Gross Weight	16 kg
Package Level 1 EAN	6417019779164

Technical

Cable Cross-Section	10 ... 70 mm²
Cable Entry Position	Bottom/Bottom
Cable Outlets Per Side	Blank / 2xC-flange, Knock-outs: 10mm, 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	Black
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

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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
Standards	IEC 60947-1, -3
Terminal Type	Screw Terminals
Tightening Torque	Main Circuit 6 N·m
Wire Stripping Length	20 mm

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)
E-Number (Sweden)	3134569

Categories

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





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