PRODUCT-DETAILS

OT125GLCC3TZ

OT125GLCC3TZ Safety switch



General Information

Extended Product Type	OT125GLCC3TZ
Product ID	1SCA148212R1001
EAN	6417019776033
Catalog Description	OT125GLCC3TZ 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	aecef2f0-90b5-4a26-9329-407df1d639e1 Finland
Simplified SCIP	09cd3cb5-f5bb-49b0-8797-b5b715d2f0a2 Germany fde255d9-8796-4a95-a897-dad2e1742aa4 Portugal da529d9f-72ae-47e6-9eb8-2553feb9b157 Poland 531363c1-4326-4966-8917-1619fbe120d9 Sweden 4691cfe0-2a2c-409e-9f03-6c985fa94fc0 France cd7024b9-1688-476a-9d34-986a6fc83fe7 Greece 9e0f5471-e405-4770-99f8-b55d424b0cec Netherlands 5e27ebf9-3da0-4406-81f6-a418a684ba16 Norway f2767d78-1460-4752-8238-9643aadecc7e Denmark fdd0a488-a6a5-4488-bc3c-412ae61472ec Czech Republic 1ef5cf9f-7247-4243-a3fc-c6c98cf99068 Poland f79884f1-a234-4d1c-8f45-fc817ed400e1 Spain 6a21add3-d512-4bf8-852f-2c57685d6e75 Belgium 35f84173-c800-4ca9-875b-6ed86b6c0894 Germany 2dacc201-e366-4919-9eed-8aa0a02bc709 Croatia 4f22aa0e-53a3-4014-b0c6-f07be9a66c6b France dba6f71c-d53d-4bf0-ae51-2ab30b779dbe Sweden a4fdf0f1-44df-42ed-9fec-68fc4d2e8922 Germany c1d7de72-93b7-4c9e-acfd-2f9c66f7642e Hungary bcabd045-5691-4952-9e02-3af5ff4d085d Germany e3e96a8c-a990-4e30-a133-7ad91706323c Germany 401b6323-4852-47fb-9b84-1372235912f5 Estonia 78bc3635-c6dd-4cc9-94bf-5fe42fe8b13f Hungary 689d8a52-01e5-48a5-bafc-9c74f4acb00c Poland ce128093-2eb9-4410-84c5-d235f0ce3c4a Italy aafb116b-38c8-4421-8daa-30c2484aadbb Bulgaria 6dd2bc78-c423-4a6a-80b2-4d35fa4ac0ac Belgium
Toxic Substances Control Act - TSCA	1SCC340095D0201

Popular Downloads

Data Sheet, Technical Information	1SCC340015C0201
Instructions and Manuals	1SCC340005M0007
Mechanical Drawings	OTKM402518PC.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	250 mm
Product Net Height	400 mm
Product Net Depth /	180 mm

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Length	
Product Net Weight	9.4 kg

Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	295 mm
Package Level 1 Depth / Length	510 mm
Package Level 1 Height	265 mm
Package Level 1 Gross Weight	10.5 kg
Package Level 1 EAN	6417019776033

Technical

Cable Cross-Section	10 ... 70 mm²
Cable Entry Position	Top/Bottom
Cable Outlets Per Side	C-flange / C-flange, Knock-outs: 10mm, 12.5mm, 20.5mm, 25.5mm
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	Top 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 (Finland)	3640406
E-Number (Sweden)	3134566

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Categories

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





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