

PRODUCT-DETAILS

# OT125GLCC6TZ

## OT125GLCC6TZ Safety switch



### General Information

Extended Product Type	OT125GLCC6TZ
Product ID	1SCA148477R1001
EAN	6417019779621
Catalog Description	OT125GLCC6TZ Safety switch
Long Description	<p>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 parallel 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.</p>

### Ordering

Minimum Order Quantity	1 piece
Customs Tariff Number	85363030
Country of Origin	Finland (FI)

### Popular Downloads

Data Sheet, Technical Information	1SCC340015C0201
Instructions and Manuals	1SCC340005M0007
Mechanical Drawings	OTKM404023P2C.stp

## Dimensions

Product Net Width	400 mm
Product Net Height	400 mm
Product Net Depth / Length	230 mm
Product Net Weight	16.4 kg

## Technical

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
Conventional Thermal Current ( $I_{the}$ )	Fully Enclosed 125 A
Rated Impulse Withstand Voltage ( $U_{imp}$ )	12 kV
Rated Insulation Voltage ( $U_i$ )	acc. to IEC/EN 60664-1 1000 V
Rated Operational Voltage	Main Circuit 1000 V
Rated Short-Circuit Making Capacity ( $I_{cm}$ )	(690 V AC) 12 kA
Rated Short-time Withstand Current ( $I_{cw}$ )	for 1 s 4 kA
Rated Conditional Short-Circuit Current ( $I_{nc}$ )	24 kA
Pollution Degree	3
Handle Color	Black
Handle Type	Pistol handle
Position of Line Terminals	Top In - Bottom Out
Standards	IEC 60947-1, -3
Number of Poles	6
Connecting Capacity Main Circuit	Screw Clamp 10...70 mm <sup>2</sup> Screw Clamp / PE Terminal 4pcs, 10...70 mm <sup>2</sup>
Cable Entry Position	Up/Down
Cable Outlets Per Side	2xC-flange / 2xC-flange, Knock-outs: 10mm, 12.5mm, 20.5mm, 25.5mm, 32.5mm
Degree of Protection	acc. to IEC 60529 IP65
Enclosure Type	MSC
Enclosure Material	Steel sheet
Maximum Mounted Auxiliary Contacts	2 NO, 2 NC
Mounted Auxiliary Contacts	2 NO, 2 NC
Terminal Type	Screw Terminals
Tightening Torque	6 N·m

## Environmental

RoHS Status	Following EU Directive 2011/65/EU
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## Certificates and Declarations (Document Number)

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Declaration of Conformity - CE	1SCC340002D2703
Instructions and Manuals	1SCC340005M0007

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## Container Information

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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	18 kg
Package Level 1 EAN	6417019779621

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## Classifications

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Object Classification Code	Q
ETIM 5	EC000216 - Switch disconnecter
ETIM 6	EC000216 - Switch disconnecter
ETIM 7	EC000216 - Switch disconnecter
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
E-Number (Finland)	3640417
E-Number (Sweden)	3134581

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## Categories

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

