PRODUCT-DETAILS

OT125GTUU3TZ

OT125GTUU3TZ EMC safety switch



General Information

Extended Product Type	OT125GTUU3TZ
Product ID	1SCA148216R1001
EAN	6417019776071
Catalog Description	OT125GTUU3TZ EMC safety switch
Long Description	EMC 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	8bbfccfa-cd42-40a6-8956-d0709b7b743b Finland
Simplified SCIP	49b723b7-1ceb-4cde-92c6-482f33cf72c7 Germany 6e391dfe-133d-4f88-ad30-e48ed59cb94f Germany da2277d3-4ce8-48c9-a5a7-f74700f19998 Portugal 30d165f9-c867-463b-94d9-fb6eb2627781 Bulgaria f320a37c-11f4-41bc-a48c-0269c4ebcdd5 Greece 723d8bc0-ad08-4e01-8b93-442f951aa75a France 8473ef4c-dedb-4a97-9148-c01e11a9389d Germany b05adc5d-061e-426c-a78c-edb77448743c Croatia 14a67d6b-690e-4cab-bc66-862547ae05f0 Czech Republic e8100a6c-03a4-4fd1-8b6e-2b5af4f77384 Germany 8e2b08e1-9aa1-4751-a099-2f2f5c88d6ae Germany e411d59c-9766-4e34-aa77-c4698679f0a9 Belgium fb2fccc5-2ba2-4e1f-b7fa-3296fbae9f66 Italy 2cd515a4-9fde-4336-9bf8-539414dd3476 Estonia 7af5594c-af0d-489f-a569-37670ee92ed0 Poland 5bb6413b-47ce-4e9d-b910-998968eb080a Sweden f389538e-cd9f-471a-83e5-60bbed684464 Poland 7cba0735-ba77-4ecb-9cfd-5ce067ecd1bb Netherlands 7d3bc3df-c08a-4b84-8e9f-0b04f6b3879b Hungary 0ac723e4-3b31-4361-93a1-94dd5d5abbc5 Sweden 3434bf8d-9d1c-47f1-80d5-c55c473a944d France 90a9730a-f47a-4624-83b4-5a3533953a92 Hungary 9dc141cc-c27d-4f13-9028-60781804d7ff Poland 0b06e8c4-932c-49b9-8b6d-29e56ef2a810 Spain 723627bf-3bb5-4bbe-80da-86aaa7b38043 Norway dc866ee4-0b4a-4789-968d-1383d02426d1 Belgium 57914285-037f-4d35-b9cc-22f296fa7b7a Denmark
Toxic Substances Control Act - TSCA	1SCC340095D0201

Popular Downloads

Data Sheet, Technical Information	1SCC340015C0201
Instructions and Manuals	1SCC340005M0007
Mechanical Drawings	OTKM402518PBL.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	6417019776071

Technical

Cable Cross-Section	10 ... 70 mm²
Cable Entry Position	Top/Bottom
Cable Outlets Per Side	Blank /Blank, Knock-outs: 10mm, 12.5mm, 20.5mm, 25.5mm, 32.5mm, 40.5mm
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
Special Functions	EMC
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)

Categories

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





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