

PRODUCT-DETAILS

OT90GTUU3TZ

OT90GTUU3TZ EMC safety switch



General Information

Extended Product Type	OT90GTUU3TZ
Product ID	1SCA148210R1001
EAN	6417019776019
Catalog Description	OT90GTUU3TZ EMC safety switch

Long Description

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.

Ordering

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

Popular Downloads

Data Sheet, Technical Information	1SCC340015C0201
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Instructions and Manuals

1SCC340005M0007

Mechanical Drawings

OTKM402518PBL.stp

Dimensions

Product Net Width	250 mm
Product Net Height	400 mm
Product Net Depth / Length	180 mm
Product Net Weight	9.4 kg

Technical

Rated Operational Current AC-22A (I_e)	(380 ... 415 V) 90 A (500 V) 90 A (690 V) 90 A
Rated Operational Current AC-23A (I_e)	(380 ... 415 V) 90 A (500 V) 90 A (690 V) 90 A
Rated Operational Power AC-23A (P_e)	(380 ... 415 V) 45 kW (500 V) 55 kW (690 V) 75 kW
Conventional Thermal Current (I_{the})	Fully Enclosed 90 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
Special Functions	EMC
Number of Poles	3
Connecting Capacity Main Circuit	Screw Clamp 10...70 mm ² Screw Clamp / PE Terminal 2pcs, 10...70 mm ²
Cable Entry Position	Up/Down
Cable Outlets Per Side	Blank / Blank, Knock-outs: 10mm, 12.5mm, 20.5mm, 25.5mm
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	1 NO, 1 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)

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

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	6417019776019

Classifications

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)	3640400

Categories

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

