

PRODUCT-DETAILS

OT90GTRR6AZ

OT90GTRR6AZ EMC safety switch



General Information

Extended Product Type	OT90GTRR6AZ
Product ID	1SCA148603R1001
EAN	6417019781334
Catalog Description	OT90GTRR6AZ 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
Instructions and Manuals	1SCC340005M0007

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) 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 Low Voltage (I_{cw})	for 1 s 4 kA
Rated Conditional Short-Circuit Current (I_{nc})	24 kA
Pollution Degree	3
Handle Color	Red / Yellow
Handle Type	Pistol handle
Position of Line Terminals	Top In - Bottom Out
Standards	IEC 60947-1, -3
Special Functions	EMC
Number of Poles	6
Neutral Type	No neutral terminal
Connecting Capacity Main Circuit	Screw Clamp 10 ... 70 mm ² Screw Clamp / PE Terminal 4pc, 10 ... 70 mm ²
Cable Cross-Section	10 ... 70 mm ²
Cable Entry Position	Up/Down
Cable Outlets Per Side	4xring-flange / 4xring-flange, Knock-outs: 3x10mm, 12.5mm, 20.5mm, 25.5mm, 32.5mm
Degree of Protection	acc. to IEC 60529 IP65
Impact Resistance Rating	Housing IK09
Enclosure Type	MSC
Enclosure Material	Steel sheet
Maximum Mounted Auxiliary Contacts	2 NO, 2 NC
Mounted Auxiliary Contacts	2 NO, 0 NC

Number of Auxiliary Contacts NC	0
Number of Auxiliary Contacts NO	2
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
RoHS Information	1SCC340002D2703

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	18 kg
Package Level 1 EAN	6417019781334

Classifications

Object Classification Code	Q
ETIM 5	EC000216 - Switch disconnecter
ETIM 6	EC000216 - Switch disconnecter
ETIM 7	EC000216 - Switch disconnecter
ETIM 8	EC000216 - Switch disconnecter
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)

Categories

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

