

PRODUCT-DETAILS

OT160EVLRR6TZ

OT160EVLRR6TZ Safety switch



General Information

Extended Product Type	OT160EVLRR6TZ
Product ID	1SCA148019R1001
EAN	6417019773537
Catalog Description	OT160EVLRR6TZ 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 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.

Ordering

Minimum Order Quantity	1 piece
Customs Tariff Number	85363090
Country of Origin	Finland (FI)

Popular Downloads

Data Sheet, Technical Information	1SCC340015C0201
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Instructions and Manuals

1SCC340005M0007

Mechanical Drawings

OTKM608023P8R.stp

Dimensions

Product Net Width	800 mm
Product Net Height	600 mm
Product Net Depth / Length	230 mm
Product Net Weight	33.6 kg

Technical

Rated Operational Current AC-22A (I_e)	(380 ... 415 V) 160 A (500 V) 160 A (690 V) 160 A
Rated Operational Current AC-23A (I_e)	(380 ... 415 V) 160 A (500 V) 160 A (690 V) 160 A
Rated Operational Power AC-23A (P_e)	(380 ... 415 V) 80 kW (500 V) 112 kW (690 V) 144 kW
Conventional Thermal Current (I_{the})	Fully Enclosed 160 A
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})	(1000 V AC) 30 kA
Rated Short-time Withstand Current (I_{cw})	for 1 s 8 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	Hole Diameter 8 mm Screw Clamp / PE Terminal 4pcs, 10...70 mm ²
Cable Entry Position	Up/Down
Cable Outlets Per Side	8xring-flange / 8xring-flange, Knock-outs: 3x10mm, 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	4 NO, 2 NC
Mounted Auxiliary Contacts	4 NO, 2 NC
Terminal Type	Bolt

Tightening Torque	6 N·m
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Environmental

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

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

Package Level 1 Units	box 1 piece
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Package Level 1 Width	815 mm
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Package Level 1 Depth / Length	910 mm
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Package Level 1 Height	325 mm
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Package Level 1 Gross Weight	38 kg
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Package Level 1 EAN	6417019773537
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Classifications

Object Classification Code	Q
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ETIM 5	EC000216 - Switch disconnecter
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ETIM 6	EC000216 - Switch disconnecter
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ETIM 7	EC000216 - Switch disconnecter
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WEEE Category	4. Large Equipment (Any External Dimension More Than 50 cm)
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E-Number (Finland)	3640420
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Categories

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

