

PRODUCT-DETAILS

OT160EVRRR6TZ

OT160EVRRR6TZ Safety switch



General Information

Extended Product Type	OT160EVRRR6TZ
Product ID	1SCA125725R1001
EAN	6417019557489
Catalog Description	OT160EVRRR6TZ Safety switch

Long Description

The enclosure and handle of the OT series is made of rigid acid proof steel, class AISI316L. The enclosure has a hinged door, with door lock. The cover is interlocked, and can not be opened when switch is on. The interlock function can be defeated for thermographing. The cover has also a gas pressure releaf function, to protect the user in case of internal arc. Suitable for outdoor and indoor use. The cable entries holes are prepared for cable flanges. The cable flanges (KOT61007 or KOT62296 (for EMC)) and the covers for the holes (KOT61008), have to be bought separately. The switch can be used in EMC applications, if EMC ring flanges are used. PE terminals and auxilliary contacts are included.

Ordering

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

Popular Downloads

Data Sheet, Technical	1SCC340015C0201
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Information

Instructions and Manuals

1SCC340008M0003

Dimensions

Product Net Width	800 mm
Product Net Height	800 mm
Product Net Depth / Length	230 mm
Product Net Weight	37.16 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 60664-1 750 V
Rated Operational Voltage	Main Circuit 750 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
Power Loss	at Rated Operating Conditions per Pole 3.2 W
Pollution Degree	3
Handle Color	Stainless Steel
Handle Type	Pistol handle
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+ø25.5mm / 8xring-flange+ø25.5mm
Degree of Protection	acc. to IEC 60529 IP65
Enclosure Material	Stainless steel
Maximum Mounted Auxiliary Contacts	4 NO, 2 NC
Mounted Auxiliary Contacts	4 NO, 2 NC

Environmental

RoHS Status

Following EU Directive 2011/65/EU

Certificates and Declarations (Document Number)

Declaration of Conformity - CE	1SCC340002D2703
Instructions and Manuals	1SCC340008M0003
RoHS Information	1SCC301148D0202

Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	815 mm
Package Level 1 Depth / Length	910 mm
Package Level 1 Height	325 mm
Package Level 1 Gross Weight	41 kg
Package Level 1 EAN	6417019557489

Classifications

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

Categories

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

