PRODUCT-DETAILS

OT160EVRRR6TZ

OT160EVRRR6TZ Safety switch



General Information

Extended Product Type	OT160EVRRR6TZ
Product ID	1SCA125725R1001
EAN	6417019557489
Catalog Description	OT160EVRRR6TZ Safety switch
Long Description	Safety switch, 6-p. 415V AC23 160A, 80kW. Mounted auxiliary contact: 4NO2NC. Stainless steel enclosure. IP65. StainlessSteel Pistol handle. Interlocked cover. Defeatable interlocking. 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 auxiliary contacts are included.

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	886d7e62-c711-4f80-8d6a-40804f95a169 Finland
Simplified SCIP	f87553c1-f103-4434-92d3-8cb23810c664 Germany 1b78623f-24df-4ad4-8693-9c3f5777e183 Estonia f80753b7-0c90-4add-9c13-cfa2bdaf707a Greece b82afb86-46e0-465d-8134-ec0628b7551a Germany 136110b7-615c-4c80-b21b-fab155119a4b Italy 135e373b-6fc2-4f91-8b37-6a140e3235ad Belgium abb4a9a4-c17a-4bd3-b936-80b517c383f7 Norway e4573355-7b5c-4449-b2e4-6c83de9e9cb8 France 6b87bcb3-59e5-4ed9-a5ae-da244d2ad3cf Denmark 6df278c7-e4d7-423f-bbd1-705ad6bb7194 Poland e7a95188-7bd7-4d93-9c2e-38b6a6a35adc Hungary f51a0654-5149-4f7a-9797-b39dd709d27a Portugal 0ec054cf-f67b-48b4-82cb-0be00c1b9524 Netherlands 3d5f5849-a615-4163-9796-5bbd56e5d590 Croatia 96e89797-fc1a-4e93-b39e-6606d0e871f5 Germany ede0be36-fb6b-4e5c-a646-ef3931b2ccb7 Belgium 92922272-f087-4eef-b633-bdbb1c7bffae France a8430fd0-e75c-482a-8b2a-d61c56fb45ef Sweden 9e238699-d458-4abd-9797-dcb648836244 Germany 1edede92-2bbe-427b-836d-444f3c7aee7b Germany 09056e3f-d7b5-45df-932a-02170ccf876d Sweden 4d905557-9805-46b1-9ab2-78a9bd37858e Hungary dc4fc24c-f1da-43eb-bb8b-1419bedcff9d Spain 414fd51a-4b8e-4a01-b051-dadb1ef58a28 Poland 1d98da35-8bed-4989-bdaa-3553d7df8b6c Czech Republic d40022a4-e509-43be-a376-fed242a22646 Poland 91965e62-6b03-4031-9d09-a9c4df5b3da3 Bulgaria
Toxic Substances Control Act - TSCA	1SCC340095D0201

Popular Downloads

Data Sheet, Technical Information	1SCC340015C0201
Instructions and Manuals	1SCC340008M0004

Environmental

Degree of Protection	acc. to IEC 60529 IP65
Pollution Degree	3

Ordering

Minimum Order Quantity	1 piece
Customs Tariff Number	85363090
Country or Territory of Origin	Finland

Dimensions

Product Net Width	800 mm
Product Net Height	800 mm
Product Net Depth / Length	230 mm
Product Net Weight	37.16 kg

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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

Technical

Cable Entry Position	Top/Bottom
Cable Outlets Per Side	8xring-flange+ø25.5mm / 8xring-flange+ø25.5mm
Color	Stainless
Connecting Capacity Main Circuit	Hole Diameter 8 mm Screw Clamp / PE Terminal 4pc,10 ... 70 mm²
Conventional Thermal Current (I_{the})	Fully Enclosed 160 A
Degree of Protection	acc. to IEC 60529 IP65
Enclosure Material	Stainless steel
Handle Color	Stainless Steel
Handle Type	Pistol handle
Impact Resistance Rating	Housing IK09
Maximum Mounted Auxiliary Contacts	4 NO, 2 NC
Mounted Auxiliary Contacts	4 NO, 2 NC
Number of Auxiliary Contacts NC	2
Number of Auxiliary Contacts NO	4
Number of Poles	6P
Pollution Degree	3
Power Loss	at Rated Operating Conditions per Pole 3.2 W
Rated Conditional Short-Circuit Current (I_{nc})	40.5 kA
Rated Insulation Voltage (U_i)	acc. to IEC/EN 60664-1 750 V
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
Rated Operational Voltage	Main Circuit 750 V
Rated Short-Circuit Making Capacity (I_{cm})	(1000 V AC) 30 kA
Rated Short-time Withstand Current Low Voltage (I_{cw})	for 1 s 8 kA

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Recommended Screw Driver	Main Circuit M8
Special Functions	EMC
Standards	IEC 60947-1, -3
Tightening Torque	Main Circuit 6 N·m

Technical UL/CSA

Recommended Screw Driver	Main Circuit M8
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	4. Large Equipment (Any External Dimension More Than 50 cm)

Categories

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

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