PRODUCT-DETAILS

OT160EVRRR3TZ

OT160EVRRR3TZ Safety switch



General Information

Extended Product Type	OT160EVRRR3TZ
Product ID	1SCA125630R1001
EAN	6417019556741
Catalog Description	OT160EVRRR3TZ Safety switch
Long Description	Safety switch, 3-p. 415V AC23 160A, 80kW. Mounted auxiliary contact: 2NO1NC. 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	a31de2bf-98f9-4b84-bb2e-f733620376ba Finland
Simplified SCIP	eb8aa378-59be-485e-87ea-23995f926a34 Germany 0d392085-f7be-4e06-9fe5-43dd4793b664 Denmark f36eaafa-9bf8-41af-a963-5ca16b74a745 Belgium 8984cfea-6197-45db-9dde-0a5f947f9ce3 Poland 89355745-435f-43c5-a737-4f8a0891b986 Netherlands 12983d44-f15b-4dac-9164-b3cae4b0670f Estonia ee7a71a1-eab0-46b9-9cfe-428b2af24073 Greece 4bd972c9-fee1-4f43-a9bc-5637f3eea7f6 Portugal 2ea52b65-c482-412e-abe6-d5a6849a3984 Poland 522fe51a-2428-4a01-a971-67daa786ff4f Spain 40722b51-dd07-44bd-bc12-d6f7e2345933 Croatia c3e96903-b24b-45e8-81a4-1fae0759cc47 Germany 679fdf38-c4d8-420e-9c1a-0b3a3935a1bf Germany 40c3bab7-6abd-47c7-a237-0f5e8e21d09b France 01a7aa0a-ea1b-478d-b31b-29acfb2ddf01 Hungary d40587e1-5795-4550-afd0-5b8f59aa9a59 Norway 900500ed-c9ac-4ab1-a833-6572340a3ea8 Germany db24aebc-9cc0-45f8-a626-dced72e7c18d Sweden 7300a3a6-89cc-4619-9ad3-cca3d5ed428f Hungary c5c942ac-fb30-4f23-b10d-738c5f74557e Germany 22d7f3ee-3950-4766-a772-a0d52aa1a4e0 Czech Republic ad64dd1e-d914-4284-bfe8-8ab455977af7 Poland c147a0e6-7c45-46f4-b7ae-8e6360961897 France 2cb78804-6e57-46b4-8a30-0491c6481b20 Italy dd47015b-b066-4557-adeb-b13ee28f6bfd Belgium cad62096-b29e-4db0-997f-776086e58ac4 Sweden 6a3aee3d-3bda-4fd3-9060-99d030a8b2f5 Bulgaria
Toxic Substances Control Act - TSCA	1SCC340095D0201

Popular Downloads

Data Sheet, Technical Information	1SCC340015C0201
Instructions and Manuals	1SCC340008M0004
Mechanical Drawings	OTRK604023P4R25.stp

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	400 mm
Product Net Height	600 mm
Product Net Depth / Length	230 mm

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Product Net Weight	23.31 kg

Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	415 mm
Package Level 1 Depth / Length	710 mm
Package Level 1 Height	325 mm
Package Level 1 Gross Weight	25 kg
Package Level 1 EAN	6417019556741

Technical

Cable Entry Position	Top/Bottom
Cable Outlets Per Side	4xring-flange+ø25.5mm / 4xring-flange+ø25.5mm
Color	Stainless
Connecting Capacity Main Circuit	Hole Diameter 8 mm Screw Clamp / PE Terminal 2pc,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	2 NO, 2 NC
Mounted Auxiliary Contacts	2 NO, 1 NC
Number of Auxiliary Contacts NC	1
Number of Auxiliary Contacts NO	2
Number of Poles	3P
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	for 1 s 8 kA

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Voltage (I_{cw})	
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)
E-Number (Sweden)	3135019

Categories

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

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