PRODUCT-DETAILS

OT1250ELRR3TZ

OT1250ELRR3TZ Safety switch



General Information

Extended Product Type	OT1250ELRR3TZ
Product ID	1SCA102773R1001
EAN	6417019841786
Catalog Description	OT1250ELRR3TZ Safety switch
Long Description	Safety switch, 3-p. 415V AC23 1250A, 710kW. Mounted auxiliary contact: 2NO1NC. Steel sheet enclosure. IP65. Black Pistol handle. Interlocked cover. Defeatable interlocking. 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.

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	94c49240-350e-4643-b6b2-b542f9328ef6 Finland
Simplified SCIP	335cd852-ca66-40cd-9ad8-4b80301f9f65 Belgium 336bd5aa-522e-472f-88ce-892a55836629 Spain bf6f501c-210b-4b78-9626-01ffbb77698b Hungary eee8e765-de04-493e-a2fd-9d1bee159e51 Sweden fc36599f-a20a-4b52-9a8c-82b1048cad16 Germany dbbce85e-ceed-4ae5-8b16-ae205e6affcd France 26244b06-a07a-46bd-a384-9e882a80c731 Hungary a8f169d7-7537-4a7f-b275-ac9582ceecd1 Portugal ee173f6c-634f-4baf-94bd-2b215687e28e Bulgaria 36824da1-a113-435c-baba-ab2b4e5dd56e Germany d7e862cc-03b9-4efb-a5fb-f61f937b6f66 France 2577e2ad-2ef5-48d8-80bc-839beeac5b80 Poland 9a2d9912-20b5-4fdc-871a-be3a2baa70cd Sweden e574f660-a141-4a24-9e55-a72d76bc6e71 Netherlands aeca4e48-bd31-4ca3-aed4-ec46276e1f3c Estonia 19d04f2d-261c-4514-b168-cae9a412e080 Greece 12f25382-085d-448a-9311-4b1366fd206d Poland 8333ba9b-306e-4706-a9af-b16cf9bf37ce Italy 4760ee4a-b91b-40b1-8c98-626fe291f2fd Belgium 47059445-275a-410e-adc2-55507ddf78c7 Norway a69c153a-efed-4020-a306-006b486ac78d Poland fe1ed5e7-c141-436a-8ebc-0714debac0c7 Czech Republic 5ee14929-fbc1-45e4-b08b-84d034422ba6 Croatia 98154820-7365-4a1f-b548-4582c1530260 Germany 0449f614-5ffc-434f-b9ec-6162ef23bac3 Germany 7246bb30-02eb-42ab-b975-e15eca167ae5 Denmark efe5d605-105e-45b2-a423-cd4ff4629df7 Germany
Toxic Substances Control Act - TSCA	1SCC340095D0201

Popular Downloads

Data Sheet, Technical Information	1SCC340015C0201
Instructions and Manuals	1SCC340016M0005
Mechanical Drawings	OTKM128033P8R.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	800 mm
Product Net Height	1200 mm
Product Net Depth /	330 mm

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Length	
Product Net Weight	62.67 kg

Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	815 mm
Package Level 1 Depth / Length	1310 mm
Package Level 1 Height	425 mm
Package Level 1 Gross Weight	67.7 kg
Package Level 1 EAN	6417019841786

Technical

Cable Entry Position	Top/Bottom
Cable Outlets Per Side	8xring-flange / 8xring-flange, Knock-outs: 3x10mm, 12.5mm, 20.5mm, 25.5mm, 32.5mm
Color	RAL7032
Connecting Capacity Main Circuit	Hole Diameter 12 mm Screw Clamp / PE Terminal 10pc,25 ... 120 mm²
Conventional Thermal Current (I_{the})	Fully Enclosed 1250 A
Degree of Protection	acc. to IEC 60529 IP65
Enclosure Material	Steel sheet
Handle Color	Black
Handle Type	Pistol handle
Impact Resistance Rating	Housing IK09
Maximum Mounted Auxiliary Contacts	2 NO, 2 NC
Mounted Auxiliary Contacts	2 NO, 1 NC
Neutral Type	No Neutral Terminal
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 29 W
Rated Insulation Voltage (U_i)	750 V
Rated Operational Current AC-22A (I_e)	(380 ... 415 V) 1250 A (500 V) 1250 A (690 V) 1250 A
Rated Operational Current AC-23A (I_e)	(380 ... 415 V) 1250 A (500 V) 1250 A (690 V) 1250 A
Rated Operational Power AC-23A (P_e)	(380 ... 415 V) 710 kW (500 V) 900 kW (690 V) 1200 kW
Rated Operational Voltage	Main Circuit 1000 V
Rated Short-Circuit Making Capacity (I_{cm})	(690 V AC) 110 kA
Rated Short-time	for 1 s 50 kA

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Withstand Current Low Voltage (I_{cw})	
Recommended Screw Driver	Main Circuit M12
Standards	IEC 60947-1, -3
Tightening Torque	Main Circuit 75 N·m

Technical UL/CSA

Recommended Screw Driver	Main Circuit M12
Tightening Torque	Main Circuit 75 N·m

Certificates and Declarations

Declaration of Conformity - CE	1SCC340042D2703

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 (Finland)	3642101
E-Number (Sweden)	3135058

Categories

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

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