PRODUCT-DETAILS

OT1250EUUR3TZ

OT1250EUUR3TZ EMC safety switch



General Information

Extended Product Type	OT1250EUUR3TZ
Product ID	1SCA103281R1001
EAN	6417019377957
Catalog Description	OT1250EUUR3TZ EMC safety switch
Long Description	EMC 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
REACH Declaration	1SCC340076D0201
RoHS Declaration	1SCC340075D0201
RoHS Information	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019

© 2025 ABB. All rights reserved.

SCIP	1aac5d22-1781-45ec-bf22-ff3627cccd1a Finland
Simplified SCIP	9ea31a61-a2b5-434e-b799-5721d6d190c1 Germany da1b0673-5c8a-4129-acd0-756af4d1ec9f Bulgaria b5179348-52df-4eda-b6cd-49727e12d307 Portugal 7191d9c9-0f83-44d4-a117-9e45623b4e74 Greece 5c11f690-5a0a-4ddc-b361-e27e42e0d36a Belgium 30e0421f-db22-4d73-b99f-7334f1ac4f24 Denmark 0b7d5077-12b0-4a8a-ab21-e44705dbc37c Germany c5ecbdd1-ee98-4a29-83a5-d5ff0029c4be Czech Republic c6b49980-4ab3-4493-a569-720691fe6ac8 Croatia dcc9202f-b598-4f0c-a9b0-04b78986cf5c Germany ef7d3aa8-ea4a-448b-b7b4-b38c43b859df France 891c0dfc-1199-4967-85ad-5f79742acec6 Germany 31861db6-2ac8-4784-9293-b2f967763083 Hungary 4764df4a-93e4-4caa-9db7-b4cd285dc2cc Sweden 75f575fa-2273-4db3-8007-55a6dfbb1fba Poland 1d29c9b6-5c8a-47f2-b914-2d72d7ce3564 Belgium 32c1c53b-dced-4f3e-9db1-deeb56167bcd Italy 1cf10d44-66c2-45d6-9b4e-dca80fcfc8e1 Estonia 6ba169c4-c305-49c5-b5b2-d8d78aa3d8ed Poland b3e43b12-645a-4c31-9a41-5a3bb0ffa21e Netherlands f7cc2f51-2fa1-459a-90ef-009a9f116a88 Germany 4402629a-e7ce-4e87-872b-e3abded051aa France 950c13f6-bcf0-4e26-ac38-0992f667addd Sweden cb575a66-9979-49f9-9283-0be0b1d7bd2d Hungary aa276909-0ee6-4114-811b-e4fdf6c6e2f9 Poland 1edd8ba2-2b16-40e6-bd94-4c3228154f97 Norway f2095d19-4e14-4a79-84e2-44661e0bafed Spain
Toxic Substances Control Act - TSCA	1SCC340095D0201

Popular Downloads

Data Sheet, Technical Information	1SCC340015C0201
Instructions and Manuals	1SCC340016M0005
Mechanical Drawings	OTKM128033PBL8R.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 / Length	330 mm
Product Net Weight	67.97 kg

Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	815 mm
Package Level 1 Depth /	1310 mm

© 2025 ABB. All rights reserved.

Length	
Package Level 1 Height	425 mm
Package Level 1 Gross Weight	73 kg
Package Level 1 EAN	6417019377957

Technical

Cable Entry Position	Bottom/Bottom
Cable Outlets Per Side	Blank / 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 Withstand Current Low Voltage (I_{cw})	for 1 s 50 kA
Recommended Screw Driver	Main Circuit M12
Special Functions	EMC
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

© 2025 ABB. All rights reserved.

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)	3642106

Categories

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





© 2025 ABB. All rights reserved.