PRODUCT-DETAILS

OT1000BTRR3TZ

OT1000BTRR3TZ EMC safety switch



General Information

Extended Product Type	OT1000BTRR3TZ
Product ID	1SCA022513R7960
EAN	6417019168258
Catalog Description	OT1000BTRR3TZ EMC safety switch
Long Description	EMC safety switch, 3-p. 415V AC23 1000A, 560kW. 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

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SCIP	5c9c2196-2c5b-4bbe-8e2c-adad8afe34c5 Finland
Simplified SCIP	73ec8e87-f455-42c6-97e8-e65c02d9da78 Germany 8c886830-13fb-41d0-923a-2f8a10517735 Bulgaria 5b97ac0a-d1e4-4f4a-8c56-84754513332f France 2a0a1e3a-a160-4cc4-a279-410623a12bd7 Germany 44ae0d2b-fee1-4660-9645-ee9ccd0e9973 Hungary 13f5abb6-d24e-49d5-a6a5-5115ed1c5ac8 Estonia 5fc23460-80d7-4e19-86a7-e751ffeb1259 Poland ad1c8bcd-a36c-401e-8707-274042100883 France 402f7f9d-e1a2-46a2-bb7f-ea240cf831a1 Sweden 760c9810-440e-49ae-8821-3a3fa5b21ef7 Belgium 6e0cb82f-2665-43ad-9817-80b5b90e6eed Italy 9ba820ec-4f20-4f6f-ba8a-3d347c091c47 Poland 03c2ac53-708c-4a8a-bfca-1b0de3628b27 Netherlands b592884a-6bdf-45ae-abb1-dde454820a52 Denmark 01a2f49c-c8c5-471c-9049-f9f7bc5915e9 Hungary a4d624ee-9f90-425b-beea-afab30a91cff Poland 1a20902b-ff47-4564-b8fa-864d1424b2f6 Sweden a0b766c9-9842-4ae8-9f53-bc81d589617a Germany 23ee6252-8af1-417e-99cd-656bd8979b7e Croatia 5f5638b6-225f-426a-a57b-947c8981bf71 Spain 415968eb-2153-4688-b071-3ebdd6243a1f Belgium 375d47e4-c66e-49b3-a8f9-2725fc37595f Norway f62547b2-447e-453f-88a1-1fe19ed054b4 Czech Republic 4bd12d94-96b9-438d-b000-8ad03adfb712 Germany 01e0e796-029f-40fe-9102-07296e08b667 Germany dbe981b8-2230-4c98-8c2b-c170ddcd812e Portugal bb92b5ae-4577-4c31-95c2-f3cfb9747771 Greece
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 / Length	330 mm
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 /	1310 mm

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Length	
Package Level 1 Height	425 mm
Package Level 1 Gross Weight	67.7 kg
Package Level 1 EAN	6417019168258

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 1000 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 19 W
Rated Insulation Voltage (U_i)	750 V
Rated Operational Current AC-22A (I_e)	(380 ... 415 V) 1000 A (500 V) 1000 A (690 V) 1000 A
Rated Operational Current AC-23A (I_e)	(380 ... 415 V) 1000 A (500 V) 1000 A (690 V) 1000 A
Rated Operational Power AC-23A (P_e)	(380 ... 415 V) 560 kW (500 V) 710 kW (690 V) 1000 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

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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)	3601764
E-Number (Sweden)	3141226

Categories

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





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