PRODUCT-DETAILS

OT800EUUR3AZ

OT800EUUR3AZ EMC safety switch



General Information

Extended Product Type	OT800EUUR3AZ
Product ID	1SCA022828R0450
EAN	6417019285399
Catalog Description	OT800EUUR3AZ EMC safety switch
Long Description	EMC safety switch, 3-p. 415V AC23 720A, 400kW. Mounted auxiliary contact: 2NO1NC. Steel sheet enclosure. IP65. RedYellow 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	21f199ed-cdba-4470-9544-e23058fc1a7c Finland
Simplified SCIP	fef5998f-ef91-43ae-99b6-e71d0142c857 Poland aaac59e5-a5fd-4c35-afd8-4210b59d2d68 Norway 43240baf-6235-475a-a946-ca3d5eb0e811 Portugal 899d115b-e28a-407a-89aa-98d5855f29f7 Sweden de4f149c-766e-4683-ba18-d0a79efd36aa Denmark 9b7654a5-3822-4a59-a277-596f8b839a92 Greece e598ee35-2228-44ac-abc8-663f82a89d28 France c2cdaa4b-5650-48e8-b995-405e1c807038 Poland 33926bdd-5fb1-45cd-ac2c-a9cbd8629542 Netherlands 2ee8fca1-d7b8-4ef7-b349-988b4e666f6a Hungary fdc0f763-e6c4-490b-b604-4e12a7a152fd Estonia 6035b358-8e64-47fe-a221-2cb05a569668 Belgium e8657d30-f9f9-406c-b4fb-143eca338fee Spain 212fc95f-ac20-4b5f-9f66-68fa0abfb1a8 Germany bf99bb24-2d99-4bf7-b8dd-f1b09d5cf2d9 Italy 157e98fe-e992-4342-91c0-f484188e94ae Belgium 74482ec4-4ea6-4638-98dd-8fc11423b42e Poland bcb68cd9-41be-44c9-8417-d4a759162fff France d13a2a93-3568-4824-a379-150f08ad0532 Czech Republic 97209e18-86b8-4623-8455-f6f9ae42b5fd Germany 6d74db9e-add8-402b-bcd2-abe4981e661b Bulgaria 41f67d69-9cf4-4237-a507-41f49f219746 Croatia 6a32e4df-784e-47ab-95e6-3e3b76fdf099 Germany d502c88a-f03b-4032-b8dc-6dd4f7819099 Hungary 954373f5-04ad-4044-bd96-9b13d13a64a4 Germany c42ec493-67b8-4224-8c31-78e3f59dbf9e Sweden f111c731-624f-4538-9868-dc567794f29a Germany
Toxic Substances Control Act - TSCA	1SCC340095D0201

Popular Downloads

Data Sheet, Technical Information	1SCC340015C0201
Instructions and Manuals	1SCC340016M0005
Mechanical Drawings	OTKM108023PBL8RDD.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	1000 mm
Product Net Depth /	230 mm

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Length	
Product Net Weight	43.8 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	50 kg
Package Level 1 EAN	6417019285399

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 8pc,25 ... 120 mm²
Conventional Thermal Current (I_{the})	Fully Enclosed 720 A
Degree of Protection	acc. to IEC 60529 IP65
Enclosure Material	Steel sheet
Handle Color	Red / Yellow
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 40 W
Rated Conditional Short-Circuit Current (I_{nc})	90 kA
Rated Impulse Withstand Voltage (U_{imp})	20 kV
Rated Insulation Voltage (U_i)	750 V
Rated Operational Current AC-22A (I_e)	(380 ... 415 V) 720 A (500 V) 720 A (690 V) 720 A
Rated Operational Current AC-23A (I_e)	(380 ... 415 V) 720 A (500 V) 720 A (690 V) 720 A
Rated Operational Power AC-23A (P_e)	(380 ... 415 V) 400 kW (500 V) 500 kW (690 V) 710 kW

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Rated Operational Voltage	Main Circuit 1000 V
Rated Short-Circuit Making Capacity (I_{cm})	(1000 V AC) 80 kA
Rated Short-time Withstand Current Low Voltage (I_{cw})	for 1 s 20 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

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)

Categories

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

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