PRODUCT-DETAILS

OT800ETRR3AZ

OT800ETRR3AZ EMC safety switch



General Information

Extended Product Type	OT800ETRR3AZ
Product ID	1SCA022828R2070
EAN	6417019285559
Catalog Description	OT800ETRR3AZ 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	ab7bf004-80d8-4111-b482-8b20c3df7487 Finland
Simplified SCIP	e9e81d57-c952-49e5-934a-7940e04d557c Germany bfffd2cb-cfad-49db-b23f-f7cbe8470537 Norway e48dcb3b-fe5f-42a1-8ea9-0a071c2e8081 Sweden df1ee280-2394-46f6-a364-20124f9fae44 Poland 5d82a164-2df4-451c-bbc3-1a31bfc92fac Germany f55c31bc-48bf-497a-ae79-201c324e6425 Czech Republic 58dc6b1b-3da4-4ab1-877c-27c4c69e188b Denmark 6d546bfa-21fa-4629-b473-0ca54c65351c Croatia 147dd97c-0068-41f9-b751-2cc837f261c6 Germany 16d51744-7a88-47b5-829b-b34e4233cc38 France 913711a4-5973-4e01-9c49-922b864f4bca Belgium a7f5adad-b845-4188-9495-d392664902ea Germany d4530e1b-4db0-48bf-b910-c0dcf2ec3ccf Hungary a1748244-ff3a-4f1a-aa55-3738dff8885a Estonia 764605fd-62ec-4476-a4a7-d0fa7795c5b4 Italy 590a13ce-769b-40e2-86e8-6371a86516d0 Germany 744797db-7ea6-4e1c-b88b-1d36004d221a France c7dc685c-e63d-41e0-9497-4a0c30e444d6 Greece 94cce71f-600b-40c0-b476-b3188d696ad1 Netherlands a9952c35-9768-4832-8db9-3dc649bd8dcd Poland b674d58a-e9c1-4be4-84f8-c5a257c51722 Sweden 06f6d9ad-147c-493d-a85b-3c10ef0c6e76 Portugal 44014414-d660-485c-bc6b-67f11e2385bf Belgium 4e074cca-8d0a-4cb3-be0e-f8ad8156133c Hungary c89f35e0-a77c-4d69-bd4d-c5386f82fdac Spain 1b14c276-ab57-45f1-ae47-d7fafefac90f Bulgaria 86483ca1-8447-4b57-8fa6-a5aac599ac52 Poland 743d0f92-2d9c-49b8-b791-0b7d57fb6fc1 Italy 42a146ef-702a-470a-a60d-c9cd17e06160 Poland 3b2ad667-18f3-4b73-b3c7-4745a8020df7 Germany 6a52190a-7db2-4669-b09b-bbf7e1bd8e53 Croatia 0d666a10-67fb-4584-9fa1-9ad0732b40bf Czech Republic fa272c67-68c6-4eab-9ffe-56a55015a8ab Belgium e40b20b4-d1c2-41d2-898b-6b97e10e102c Spain cc690de7-e27d-4305-bcf1-a03fd6a2e4e6 Hungary bb4fd571-1744-476e-a02a-b61d86285e45 Sweden 18cad1e7-4027-4713-a178-f231deaec2c8 France 12969bfe-9479-4276-b9d2-7a89e7cc2adc Netherlands d32dd8df-9354-461d-8b84-ab414ebfbe3d Bulgaria 8f1b1fbd-f5ad-4e0a-849d-b02eee335744 Poland be041f2e-4581-4590-94d1-f100acc43334 Germany 334d3f8e-8acb-40c2-b053-c7d4051f6828 Sweden 1e6d2649-a2c8-4da7-8074-944cbea24669 Denmark 3e5499aa-d294-4b51-ae64-43eb5f2733cc Belgium 3643e84c-5a67-4374-818f-1424adc4a4bb Norway f112d8a2-5aa1-445b-8bd2-d7c55fb4ed4e Germany 591ea203-240f-4031-90c5-08541659787d Hungary 4dd8911a-e227-41c3-8a63-c3813a8a4bad Portugal b72817ef-69c0-43f1-8138-def9144dd1c2 Greece 784f7b33-01fd-4636-bdff-bb6f0af2eeba Estonia 8c75869a-fa37-4d9d-8c0b-975da9f31b88 France fe090895-b608-4f21-8bde-40e4af7719d0 Poland 8767d024-2e97-46a2-af64-b30f3bb8f5d0 Germany
Toxic Substances Control Act - TSCA	1SCC340095D0201

Popular Downloads

Data Sheet, Technical Information	1SCC340015C0201
Instructions and Manuals	1SCC340016M0005
Mechanical Drawings	OTKM104023P4R.stp

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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	1000 mm
Product Net Depth / Length	230 mm
Product Net Weight	28.51 kg

Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	415 mm
Package Level 1 Depth / Length	1110 mm
Package Level 1 Height	325 mm
Package Level 1 Gross Weight	31 kg
Package Level 1 EAN	6417019285559

Technical

Cable Entry Position	Top/Bottom
Cable Outlets Per Side	4xring-flange / 4xring-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 4pc,25 ... 120 mm^2
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	1

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Contacts NC	
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 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
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)

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Categories

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



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