PRODUCT-DETAILS

OT400DTRR3AZ

OT400DTRR3AZ EMC safety switch



General Information

Extended Product Type	OT400DTRR3AZ
Product ID	1SCA022742R3700
EAN	6417019240565
Catalog Description	OT400DTRR3AZ EMC safety switch
Long Description	EMC safety switch, 3-p. 415V AC23 400A, 220kW. 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	659a29ba-6cb8-42dc-a155-417083529295 Finland
Simplified SCIP	d0bd2b64-8737-44c9-944a-e458e759f4c6 Germany 996e48e0-aead-4b20-a5b3-55025024573b Poland 66823b88-99a2-46e8-b015-86aae5651be1 Germany 228b35dc-c616-4012-9572-286692787c75 Hungary e2308402-70a6-4d89-8afa-b85c7d73b647 Netherlands 1e023997-12d9-456e-86fd-57418a6ba71c Denmark 898c5b26-6da9-4f51-8b29-2c29da9932ae France ce315ee9-1571-49dd-8c0d-1c6616dc5bc0 Poland 3f8b7554-d04c-47dc-8900-5bc8b3d260e2 Belgium c4d1f723-cf31-4ee0-884d-fee7cd851224 Sweden 38cc55f1-9258-4003-91cf-c48d42700383 Croatia 298bb1e5-0daf-4d8e-9797-6965168f482c Czech Republic e2cdc82d-b70d-4180-aa55-45ad9a8b3e73 Norway ec7c8c0e-4f13-4042-bca9-9d12b510abe3 Italy 4ff50238-a5a5-4579-8358-2a31b228d983 France 23c08fb0-44b8-40cc-bfbd-fa29c9fc30d6 Greece 48ec507a-f95a-484a-a1c8-a0d35a65aebe Sweden 0114b9b2-2f5d-46c0-b6d8-942a3590c2e9 Portugal 257ad917-8e2d-4244-9525-651dd253461a Bulgaria a0e645be-5036-4ddb-b3e5-5609ab22de07 Poland 572f6b29-13b8-40fa-bccb-893e366907ee Belgium 3a4d09ef-da85-4e17-9844-f0f69ccec8b5 Spain ac1deda8-2dd1-456b-a950-fc5b71ce859d Hungary 8adab06d-0e11-400d-88b1-4d326bd61154 Germany 1eb5c46e-2851-41ac-a1e6-7a0b7e4f8c31 Germany b88b1426-7dd1-42bb-b18b-b5335d31ea53 Germany c39aa03c-2ad8-48c5-998c-4b6b852f5911 Estonia
Toxic Substances Control Act - TSCA	1SCC340095D0201

Popular Downloads

Data Sheet, Technical Information	1SCC340015C0201
Instructions and Manuals	1SCC340016M0005
Mechanical Drawings	OTKM804023P4R.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	400 mm
Product Net Height	800 mm
Product Net Depth /	230 mm

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Length	
Product Net Weight	24.85 kg

Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	415 mm
Package Level 1 Depth / Length	910 mm
Package Level 1 Height	325 mm
Package Level 1 Gross Weight	27 kg
Package Level 1 EAN	6417019240565

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 10 mm Screw Clamp / PE Terminal 4pc,25 ... 120 mm^2
Conventional Thermal Current (I_{the})	Fully Enclosed 400 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 10 W
Rated Conditional Short-Circuit Current (I_{nc})	61.5 kA
Rated Insulation Voltage (U_i)	750 V
Rated Operational Current AC-22A (I_e)	(380 ... 415 V) 400 A (500 V) 400 A (690 V) 400 A
Rated Operational Current AC-23A (I_e)	(380 ... 415 V) 400 A (500 V) 400 A (690 V) 400 A
Rated Operational Power AC-23A (P_e)	(380 ... 415 V) 220 kW (500 V) 280 kW (690 V) 355 kW
Rated Operational Voltage	Main Circuit 1000 V
Rated Short-Circuit	(1000 V AC) 65 kA

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Making Capacity (I_{cm})	
Rated Short-time Withstand Current Low Voltage (I_{cw})	for 1 s 15 kA
Recommended Screw Driver	Main Circuit M10
Special Functions	EMC
Standards	IEC 60947-1, -3
Tightening Torque	Main Circuit 44 N·m

Technical UL/CSA

Recommended Screw Driver	Main Circuit M10
Tightening Torque	Main Circuit 44 N·m

Certificates and Declarations

Declaration of Conformity - CE	1SCC340025D2704

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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