PRODUCT-DETAILS

OT400DUUR3AZ

OT400DUUR3AZ EMC safety switch



General Information

Extended Product Type	OT400DUUR3AZ
Product ID	1SCA022700R6420
EAN	6417019223698
Catalog Description	OT400DUUR3AZ 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	f594c962-9ad7-4818-9a4f-c6a5edd36056 Finland
Simplified SCIP	24a49630-472a-43b1-b6b5-ac30c465fb71 Germany 10e0d71d-4bd5-4cb1-b918-3a7ff0724488 Germany f833e965-d452-4216-b7a3-0a76b8b3263a Czech Republic 73c8383c-c76b-4b3d-9546-ee90e9552a5c Germany 57116569-01bf-4289-adf8-7201948bb346 Belgium e7f46f6c-228d-4a20-863e-eb5befc6b6d0 Spain 978d7c0f-99fa-43ba-8059-2565a41e3167 Hungary bd99b3d7-573e-4593-8a47-c9a1ea553863 Poland 15ac3a3d-3c39-4f97-bf18-a383331507b6 Sweden 08635aea-e697-4806-95ad-bb6b8ec92518 Greece 524329c2-b5f6-45e2-9554-c4afe5c05ac7 Bulgaria 11b2c477-148b-4f19-b6e8-79549450751b Portugal 68acfb41-2958-45dd-80d6-8b6b1724f9fa France c5dda64d-6473-4945-b4e6-0ee36aabe4e8 France 5b30d35e-a4ae-41f2-ad82-97a4315eed21 Poland 8d86e03f-6535-4c2b-bd6d-ab0039124231 Sweden 398bc401-dcbb-4f46-90d7-aa2d16863d6b Estonia 72e2a0ad-15db-409a-89fc-af7c68a24ae5 Germany 6b5dfe10-631a-4cc6-af12-8c82c280fd60 Denmark ab6b8016-08d5-46d8-9a32-816bfc2a777f Netherlands d4464b92-e4db-48cf-8a7a-711a506d5886 Germany 9dad7c18-fb0a-4d4c-a980-a412195076bc Hungary e6eec07c-641e-44ae-b2c9-dd035483e24a Norway cd8f874b-b6d7-40ee-af99-4b1ad650de2b Italy 160c1b94-ee12-424b-8a1b-7f20d309565b Croatia 0cd9cbd5-049c-46bc-9dc8-33df7a4b8b0e Poland 29febdab-39f3-4909-88c2-73727f6c6acf Belgium
Toxic Substances Control Act - TSCA	1SCC340095D0201

Popular Downloads

Data Sheet, Technical Information	1SCC340015C0201
Instructions and Manuals	1SCC340016M0005
Mechanical Drawings	OTKM804023PBL4R.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	28.65 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	30.8 kg
Package Level 1 EAN	6417019223698

Technical

Cable Entry Position	Bottom/Bottom
Cable Outlets Per Side	Blank / 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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