PRODUCT-DETAILS

OT400DTRR3TZ

OT400DTRR3TZ EMC safety switch



General Information

Extended Product Type	OT400DTRR3TZ
Product ID	1SCA022513R7700
EAN	6417019168234
Catalog Description	OT400DTRR3TZ EMC safety switch
Long Description	EMC safety switch, 3-p. 415V AC23 400A, 220kW. 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

© 2025 ABB. All rights reserved.

REACH Declaration	1SCC340076D0201
RoHS Declaration	1SCC340075D0201
RoHS Information	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
SCIP	b53f2040-5e8c-4958-be2e-f6e3552df654 Finland
Simplified SCIP	89ba4ab6-68b4-4979-a48f-f553d8ede482 Germany dfbfacfe-46d4-4f07-9241-3d9bfbe50185 Norway 493b3e1d-f15f-48e3-8503-3c25b2b1c133 France 0ddb4873-8438-4f20-ad53-6a72911fa5fc Germany 08688476-618a-4e02-ad4a-3d206a59c4e0 Sweden 065f08d2-cb8b-4398-845a-4c15b8cf52f3 Germany 82ff3a85-0eaa-44b8-8365-c3ba88346b7b Estonia 68f8a72a-2683-473c-ae25-cb78b267ba9f France ca687791-09f2-4158-8025-72628cd81b87 Poland 3524a91b-bd56-46b6-9e56-7ea05921eaca Greece f2ff1931-6a8a-471b-b536-27e79109b510 Netherlands 61e1a5ea-7327-4d3c-90e2-81889068cf50 Germany 2c39e6a3-fdb0-4480-9d05-be1c712ddc4d Italy f18fd81b-fdb1-4487-b89b-dd86c59601db Belgium e0020e25-13a0-4c47-ac7e-5f8ea8e78dad Bulgaria e03e0708-8b74-4fc9-add5-c92fe58bdbfa Hungary f2bb2e7d-dc02-474b-845a-d77e5adfa8b5 Sweden 22e88539-7330-41bc-8e20-c55f8a8388c1 Poland efd6ce8a-dc31-495f-9c57-7bca482e3194 Belgium eb412a0c-cc28-44a5-98a4-93d76c960005 Hungary e5fce9f6-b8c5-4dbb-883f-ca1335f65677 Spain 7f381662-5f2e-4810-9b82-3a98bea84c35 Denmark ebf9f506-5f00-46c6-a6c7-646cf9c0ba53 Germany d2e00876-5a42-4998-be02-11d457ef248b Poland d0ca3a0a-1a98-426d-b0c8-7e7089ebc376 Portugal 96196a52-aaa0-4880-ae67-4e96e6d9c87a Czech Republic 5cb64c79-4d8f-45e1-a0b4-492f8d570cca Croatia
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

© 2025 ABB. All rights reserved.

Length	
Product Net Weight	25.55 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	27.7 kg
Package Level 1 EAN	6417019168234

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	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 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

© 2025 ABB. All rights reserved.

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)
E-Number (Finland)	3601760
E-Number (Norway)	1429442
E-Number (Sweden)	3141224

Categories

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

© 2025 ABB. All rights reserved.





© 2025 ABB. All rights reserved.