PRODUCT-DETAILS

OT315ERRR6TZ

OT315ERRR6TZ Safety switch



General Information

Extended Product Type	OT315ERRR6TZ
Product ID	1SCA102327R1001
EAN	6417019371160
Catalog Description	OT315ERRR6TZ Safety switch
Long Description	Safety switch, 6-p. 415V AC23 315A, 160kW. Mounted auxiliary contact: 4NO2NC. Stainless steel enclosure. IP65. StainlessSteel Pistol handle. Interlocked cover. Defeatable interlocking. The enclosure and handle of the OT series is made of rigid acid proof steel, class AISI316L. The enclosure has a hinged door, with door lock. The cover is interlocked, and can not be opened when switch is on. The interlock function can be defeated for thermographing. The cover has also a gas pressure releaf function, to protect the user in case of internal arc. Suitable for outdoor and indoor use. The cable entries holes are prepared for cable flanges. The cable flanges (KOT61007 or KOT62296 (for EMC)) and the covers for the holes (KOT61008), have to be bought separately. The switch can be used in EMC applications, if EMC ring flanges are used. PE terminals and auxiliary contacts are included.

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	f073d550-7c00-4247-ba92-4216e4df7b66 Finland
Simplified SCIP	4b679741-cd09-440c-ad33-f2ff5ec1f1ff Germany ae447676-7604-4814-96c2-945bd001b83a France e8fa8909-8298-4cce-9188-123f76fad0a4 Germany a66467ed-30f6-4e84-ad1d-146ec50b4e00 Spain 9c9f22d9-ce65-4911-a047-f18d2ae65e1d Hungary 676a42ea-40cf-4c2d-8672-2ab5bbfbb58b Belgium 86ad4288-0258-4cf2-9600-cb32f93c89e9 Germany 3b4913c8-237d-421e-9d71-8b3295f9e7c0 Poland 572dbbd0-f132-4868-8175-78697048dd9b Italy 4dae6a5e-eab5-4303-bfcd-807f01eab505 Germany 31aa9b22-d422-421a-b8c2-9b55634c4e6c Norway 3421f807-bc82-4bb4-b86e-e070009135f5 Belgium 5c97d66d-8082-44db-8f90-aaea8822f6e1 Netherlands dda78a74-2480-435f-9add-b372208883e8 Hungary ada3a8a8-cd0c-4b8d-80a3-883ddaed99ef Poland f8776ad1-b82c-4655-8c47-c8a4b21c53ab Estonia 952e32cc-6285-4091-8f45-5bdeb9123501 Greece 4d73e67a-3a4b-4b80-9e79-a3915dbe82d5 Portugal 0fea4cdb-6a5a-49bd-9cde-3b6188155e40 Croatia a66e7124-cc17-4af2-b3e5-fe06afa6fe87 Czech Republic 30208d53-652c-41ab-a723-4c1429a51e4e Denmark 9a93f503-a24a-49c9-a36f-fd271f521766 Germany 6c2a1c77-4bf4-413e-a3c5-582e7587a6fb France 3aac1607-02e3-4500-994d-46467a20f7da Sweden 00fbdd23-f216-420d-8dcf-5b9c5503090b Sweden cc860c67-d8d5-40e9-8775-23bfd36f5f4f Poland d26ea3ff-bb7a-402f-89fb-eac849d2f294 Bulgaria
Toxic Substances Control Act - TSCA	1SCC340095D0201

Popular Downloads

Data Sheet, Technical Information	1SCC340015C0201
Instructions and Manuals	1SCC340008M0004

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	800 mm
Product Net Depth / Length	230 mm
Product Net Weight	42.14 kg

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Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	815 mm
Package Level 1 Depth / Length	910 mm
Package Level 1 Height	325 mm
Package Level 1 Gross Weight	46 kg
Package Level 1 EAN	6417019371160

Technical

Cable Entry Position	Top/Bottom
Cable Outlets Per Side	8xring-flange+ø25.5mm / 8xring-flange+ø25.5mm
Color	Stainless
Connecting Capacity Main Circuit	Hole Diameter 10 mm Screw Clamp / PE Terminal 8pc,25 ... 120 mm²
Conventional Thermal Current (I_{the})	Fully Enclosed 315 A
Degree of Protection	acc. to IEC 60529 IP65
Enclosure Material	Stainless steel
Handle Color	Stainless Steel
Handle Type	Pistol handle
Impact Resistance Rating	Housing IK09
Maximum Mounted Auxiliary Contacts	4 NO, 2 NC
Mounted Auxiliary Contacts	4 NO, 2 NC
Number of Auxiliary Contacts NC	2
Number of Auxiliary Contacts NO	4
Number of Poles	6P
Pollution Degree	3
Power Loss	at Rated Operating Conditions per Pole 6.5 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) 315 A (500 V) 315 A (690 V) 315 A
Rated Operational Current AC-23A (I_e)	(380 ... 415 V) 315 A (500 V) 315 A (690 V) 315 A
Rated Operational Power AC-23A (P_e)	(380 ... 415 V) 160 kW (500 V) 200 kW (690 V) 250 kW
Rated Operational Voltage	Main Circuit 1000 V
Rated Short-Circuit Making Capacity (I_{cm})	(1000 V AC) 65 kA
Rated Short-time Withstand Current Low Voltage (I_{cw})	for 1 s 15 kA

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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)	3642125

Categories

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

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