PRODUCT-DETAILS

OT800ERRR6TZ

OT800ERRR6TZ Safety switch



General Information

Extended Product Type	OT800ERRR6TZ
Product ID	1SCA102334R1001
EAN	6417019371238
Catalog Description	OT800ERRR6TZ Safety switch
Long Description	Safety switch, 6-p. 415V AC23 720A, 400kW. 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
Toxic Substances Control Act - TSCA	1SCC340095D0201

Popular Downloads

Data Sheet, Technical Information	1SCC340015C0201
Instructions and Manuals	1SCC340008M0004
Mechanical Drawings	OTRK108023P8R25.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	800 mm
Product Net Height	1000 mm
Product Net Depth / Length	230 mm
Product Net Weight	52.8 kg

Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	815 mm
Package Level 1 Depth / Length	1310 mm
Package Level 1 Height	425 mm
Package Level 1 Gross Weight	59 kg
Package Level 1 EAN	6417019371238

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 12 mm Screw Clamp / PE Terminal 16pc,25 ... 120 mm²
Conventional Thermal	Fully Enclosed 720 A

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Current (I_{the})	
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, 4 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 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

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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)	3642128

Categories

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



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