PRODUCT-DETAILS

OT250KLRR4TZ

OT250KLRR4TZ Safety switch



General Information

Extended Product Type	OT250KLRR4TZ
Product ID	1SCA022461R5670
EAN	6417019144504
Catalog Description	OT250KLRR4TZ Safety switch
Long Description	Safety switch, 4-p. 415V AC23 250A, 132kW. 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
REACH Declaration	1SCC340076D0201
RoHS Declaration	1SCC340075D0201
RoHS Information	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019

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SCIP	a658310c-e80a-4323-b5e9-407365d3a7b6 Finland
Simplified SCIP	fcfb0514-6d24-4830-97d3-3e91fd892077 Germany f55e028d-52fa-42ce-b757-3c9ec73d53e8 Greece 9489c245-e479-4828-9148-605ee0c1ea94 Spain 77d25a41-24d4-4c1a-93ca-8cd5d5086a3a Germany 3db68693-0ff7-49cd-9856-546e62eff8c4 Denmark 1bdc0fc0-607d-4f88-8abb-45d5b68600d9 Belgium 4a4752ae-6d68-4221-8d58-a6383574c308 Croatia 4f9d683e-cea7-46ab-84bd-ce69c65dcfbc Czech Republic a9a534bb-46a5-4c5d-8585-0fde9d8a2ce9 Hungary f7dbfa2f-8f6a-47d0-9e89-9d0df479bcf5 Italy 3b0057f2-d267-4885-8cd9-e6a532484e79 Poland 52e0266f-f886-48a4-8a32-5566205e610a Netherlands 02919484-3f9a-4c50-988e-e6417ad7a9ee Poland 01f5ac01-125b-4152-bbe9-e7b7ced67c1e Bulgaria 9b81ac25-879a-42f3-a69a-5ce57ab831c5 Portugal fc1e446a-b1aa-4677-8d5e-d589d608f613 Sweden 8cd6bae3-2b7d-40a8-96af-7840e7d00386 France e6811f9d-2e01-4066-acce-0dec12e08fab Poland deab9e1f-7c01-43d7-bb27-4350c990005d Sweden 22667005-7818-4d6f-87e8-34cad53ca81f France 1555d90f-b88b-441d-8e0b-22900e62a89e Belgium 17e8ce1b-e400-4824-93e9-0d9015f13a0c Germany 5a7a99c9-66bd-4693-ae94-015b6234191b Hungary c9a5f92d-56fb-4554-8e5c-ca931870faf8 Estonia 3a788455-f3a1-4da7-be79-da64bdc77311 Germany 4fd0e9b2-13e3-4e56-9050-4443d86f6722 Norway 433e7e59-8ef5-4527-a40b-5c2c92b1bbd2 Germany
Toxic Substances Control Act - TSCA	1SCC340095D0201

Popular Downloads

Data Sheet, Technical Information	1SCC340015C0201
Instructions and Manuals	1SCC340016M0005
Mechanical Drawings	OTKM604023P4R.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	600 mm
Product Net Depth / Length	230 mm
Product Net Weight	15.31 kg

Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	415 mm
Package Level 1 Depth /	710 mm

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Length	
Package Level 1 Height	325 mm
Package Level 1 Gross Weight	17 kg
Package Level 1 EAN	6417019144504

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 8 mm Screw Clamp / PE Terminal 4pc,10 ... 70+4pc M8 mm²
Conventional Thermal Current (I_{the})	Fully Enclosed 250 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	Switchable Neutral
Number of Auxiliary Contacts NC	1
Number of Auxiliary Contacts NO	2
Number of Poles	4P
Pollution Degree	3
Position of Line Terminals	Top In - Bottom Out
Position of PE Terminals	Top In - Bottom Out
Power Loss	at Rated Operating Conditions per Pole 6.5 W
Rated Conditional Short-Circuit Current (I_{nc})	40.5 kA
Rated Insulation Voltage (U_i)	750 V
Rated Operational Current AC-22A (I_e)	(380 ... 415 V) 250 A (500 V) 250 A (690 V) 250 A
Rated Operational Current AC-23A (I_e)	(380 ... 415 V) 250 A (500 V) 250 A (690 V) 250 A
Rated Operational Power AC-23A (P_e)	(380 ... 415 V) 132 kW (500 V) 160 kW (690 V) 200 kW
Rated Operational Voltage	Main Circuit 1000 V
Rated Short-Circuit Making Capacity (I_{cm})	(1000 V AC) 30 kA
Rated Short-time Withstand Current Low Voltage (I_{cw})	for 1 s 8 kA
Recommended Screw Driver	Main Circuit M8
Standards	IEC 60947-1, -3
Tightening Torque	Main Circuit 22 N·m

Technical UL/CSA

Recommended Screw	Main Circuit M8

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Driver	
Tightening Torque	Main Circuit 22 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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