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 PRODUCT-DETAILS

# OT315KTRR3AZ

## OT315KTRR3AZ EMC safety switch




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**General Information**

Extended Product Type	OT315KTRR3AZ
Product ID	1SCA022742R3610
EAN	6417019452203
Catalog Description	OT315KTRR3AZ EMC safety switch
Long Description	<p>EMC safety switch, 3-p. 415V AC23 315A, 160kW. 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 parallel 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 thermography.</p>

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**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

SCIP	f61dedc0-9d27-4d42-ab80-d34eb3293109 Finland
Simplified SCIP	0a4369ba-b305-4526-bf41-d5fe9b9b5784 Belgium a7297c09-42e5-4a6c-90d0-6c7bbeec4b9 Hungary 364ff8ef-4977-4171-8a55-71622c84ee99 Spain 79b4e147-c142-4e31-832e-4e502a183a8c Poland f6e66cda-a717-45e0-952a-c3bd4150ffb3 Denmark 9fd1da14-5f3a-4c33-8412-52d1df0f9a59 Germany 8dbdd06f-10f9-44ff-ad7e-016551b52b1b Croatia c774026d-263c-4b5e-b73e-50aa39895b7b Czech Republic ea3ade35-1eee-4fb2-934e-692f6355a8b0 Italy 6ce14875-8907-4ee7-8f1a-771fff23105b Germany 47db5370-4ad9-4e22-8f6b-6cda08da59ae Germany a50d41e0-fd6a-42bc-9319-eadd991981f4 Norway 71082109-e057-42b4-b98b-ef851af932e6 Belgium ba15e54a-56fc-4bfe-9a35-a343625a3bd5 Netherlands f2ec561c-ddd3-470f-b808-abff40e52b56 Greece 4c76264b-f112-4aba-98b8-09e93392c9cd Portugal 2801fe8e-dae3-4965-9ce6-46643e124972 Hungary bcc97c4e-33a8-4648-9fed-9bd51d6d54d1 Estonia 2e07263c-d53c-4875-963a-76b1e1ce9b93 Sweden a276d523-7884-4697-b008-14f4da0400b6 Poland 92715fc6-c90e-4f8e-a51e-ea3fee087844 France 4bd709b9-055d-4ba3-aa0a-2fc5e3a6eb03 Bulgaria f006fa0c-58b7-44e7-a63b-93114fde2fae Sweden c0bf2910-a08f-459e-a5f5-1f58a31805f4 Germany 540df540-e997-4fa6-8030-c79868bed546 Poland 3cb802ab-de61-4068-a3ad-1f4e42cb35e3 Germany 75b1f8f9-95fe-448c-8ce8-cd307a3411b1 France
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	19.31 kg

## Container Information

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

Length	
Package Level 1 Height	325 mm
Package Level 1 Gross Weight	21 kg
Package Level 1 EAN	6417019452203

## 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, 10 ... 70+4pc M8 mm <sup>2</sup>
Conventional Thermal Current ( $I_{the}$ )	Fully Enclosed 315 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 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
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
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Tightening Torque Main Circuit 44 N·m

### Certificates and Declarations

Declaration of Conformity 1SCC340025D2704  
 - CE

### External Classifications and Standards

Object Classification Code	Q
ETIM 9	EC000216 - Switch disconnecter (low voltage)
ETIM 10	EC000216 - Switch disconnecter (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

