

PRODUCT-DETAILS

OT630KBUR3TZ

OT630KBUR3TZ Safety switch



General Information

Extended Product Type	OT630KBUR3TZ
Product ID	1SCA022340R2710
EAN	6417019116501
Catalog Description	OT630KBUR3TZ Safety switch
Long Description	<p>Safety switch, 3-p. 415V AC23 570A, 315kW. 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.</p>

Ordering

Minimum Order Quantity	1 piece
Customs Tariff Number	85363090
Country of Origin	Finland (FI)

Popular Downloads

Data Sheet, Technical Information	1SCC340015C0201
Instructions and	1SCC340016M0005

Manuals

Mechanical Drawings

OTKM104033PBL4R.stp

Dimensions

Product Net Width	400 mm
Product Net Height	1000 mm
Product Net Depth / Length	330 mm
Product Net Weight	45.65 kg

Technical

Rated Operational Current AC-22A (I_e)	(380 ... 415 V) 570 A (500 V) 570 A (690 V) 570 A
Rated Operational Current AC-23A (I_e)	(380 ... 415 V) 570 A (500 V) 570 A (690 V) 570 A
Rated Operational Power AC-23A (P_e)	(380 ... 415 V) 315 kW (500 V) 400 kW (690 V) 560 kW
Conventional Thermal Current (I_{the})	Fully Enclosed 570 A
Rated Insulation Voltage (U_i)	acc. to IEC/EN 60664-1 1000 V
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
Rated Conditional Short-Circuit Current (I_{nc})	90 kA
Power Loss	at Rated Operating Conditions per Pole 25 W
Pollution Degree	3
Handle Color	Black
Handle Type	Pistol handle
Position of Line Terminals	Bottom In - Bottom Out
Standards	IEC 60947-1, -3
Number of Poles	3
Neutral Type	No neutral terminal
Connecting Capacity Main Circuit	Hole Diameter 12 mm Screw Clamp / PE Terminal 4pc, 25 ... 120 mm ²
Cable Entry Position	Down/Down
Cable Outlets Per Side	Blank / 4xring-flange, Knock-outs: 3x10mm, 12.5mm, 20.5mm, 25.5mm, 32.5mm
Degree of Protection	acc. to IEC 60529 IP65
Impact Resistance Rating	Housing IK09
Enclosure Material	Steel sheet
Maximum Mounted Auxiliary Contacts	2 NO, 2 NC
Mounted Auxiliary Contacts	2 NO, 1 NC
Number of Auxiliary Contacts NC	1
Number of Auxiliary Contacts NO	2
Position of PE Terminals	Bottom In - Bottom Out

Tightening Torque

Main Circuit 75 N·m

Technical UL/CSA

Tightening Torque

Main Circuit 75 N·m

Environmental

RoHS Status

Following EU Directive 2011/65/EU

Certificates and Declarations (Document Number)

Declaration of Conformity - CE	1SCC340029D2704
Instructions and Manuals	1SCC340016M0005
REACH Declaration	1SCC340076D0201
RoHS Information	1SCC340075D0201

Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	425 mm
Package Level 1 Depth / Length	1110 mm
Package Level 1 Height	415 mm
Package Level 1 Gross Weight	47.8 kg
Package Level 1 EAN	6417019116501

Classifications

Object Classification Code	Q
ETIM 5	EC000216 - Switch disconnecter
ETIM 6	EC000216 - Switch disconnecter
ETIM 7	EC000216 - Switch disconnecter
ETIM 8	EC000216 - Switch disconnecter
eClass	V11.1 : 27371403
WEEE Category	4. Large Equipment (Any External Dimension More Than 50 cm)
E-Number (Finland)	3642812
E-Number (Sweden)	3140674

Categories

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

