

PRODUCT-DETAILS

# OTP16K3M

## OTP16K3M Safety switch



### General Information

Extended Product Type	OTP16K3M
Product ID	1SCA022400R9830
EAN	6417019130835
Catalog Description	OTP16K3M Safety switch

#### Long Description

Safety switch, 3-p. 415V AC23 16A, 7.5kW. Mounted auxiliary contact: 1NO0NC. Plastic enclosure. IP65. Black Selector handle. Interlocked cover. Defeatable interlocking. The enclosure in the OTP series is using a rigid glass reinforced polycarbonate enclosure. The enclosure is UV protected, protected against low-pressure water jets (IP65), and hence built for outdoor and indoor use. The cable entries are threaded and have knock out holes for 2 parallel cables, both from top and bottom. The handle is padlockable and made for three padlocks. The cover is interlocked. The interlocking can be bypassed, for thermographing etc. The switch is made for 5 wire system, and have a fixed neutral terminal and PE terminal. Two membrane glands and two pull stoppers included.

### Ordering

Minimum Order Quantity	1 piece
Customs Tariff Number	85363030
Country of Origin	Finland (FI)

### Popular Downloads

Data Sheet, Technical Information	1SCC340015C0201
Instructions and	1SCC340002M0012

Manuals

**Dimensions**

Product Net Width	85 mm
Product Net Height	120 mm
Product Net Depth / Length	60 mm
Product Net Weight	0.4 kg

**Technical**

Rated Operational Current AC-22A (I <sub>e</sub> )	(380 ... 415 V) 32 A (500 V) 32 A (690 V) 32 A
Rated Operational Current AC-23A (I <sub>e</sub> )	(380 ... 415 V) 16 A (500 V) 16 A (690 V) 10 A
Rated Operational Power AC-23A (P <sub>e</sub> )	(380 ... 415 V) 7.5 kW (500 V) 7.5 kW (690 V) 7.5 kW
Conventional Thermal Current (I <sub>the</sub> )	Fully Enclosed 40 A
Rated Insulation Voltage (U <sub>i</sub> )	acc. to IEC/EN 60664-1 750 V
Rated Operational Voltage	Main Circuit 750 V
Rated Short-Circuit Making Capacity (I <sub>cm</sub> )	(690 V AC) 0.705 kA
Rated Short-time Withstand Current Low Voltage (I <sub>cw</sub> )	for 1 s 0.5 kA
Power Loss	at Rated Operating Conditions per Pole 1.6 W
Pollution Degree	3
Handle Color	Black
Handle Type	Selector handle
Position of Line Terminals	Top In - Bottom Out
Standards	IEC 60947-1, -3
Number of Poles	3
Neutral Type	Fixed neutral
Connecting Capacity Main Circuit	Screw Clamp 0.75 ... 10 mm <sup>2</sup> Screw Clamp / PE Terminal 2pc, 0.75 ... 2.5 mm <sup>2</sup>
Cable Cross-Section	0.75 ... 10 mm <sup>2</sup>
Cable Entry Position	Up/Down
Cable Outlets Per Side	2xM20 / 2xM20
Degree of Protection	acc. to IEC 60529 IP65
Impact Resistance Rating	Housing IK08
Enclosure Material	Plastic
Maximum Mounted Auxiliary Contacts	1 NO, 1 NC
Mounted Auxiliary Contacts	1 NO, 0 NC
Number of Auxiliary Contacts NC	0
Number of Auxiliary Contacts NO	1
Position of Neutral Terminals	Top In - Bottom Out
Position of PE Terminals	Top In - Bottom Out

Tightening Torque Main Circuit 0.8 N-m

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### Technical UL/CSA

Tightening Torque Main Circuit 0.8 N-m

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### Environmental

RoHS Status Following EU Directive 2011/65/EU

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### Certificates and Declarations (Document Number)

BV Certificate	1SCC340018D0204
Declaration of Conformity - CE	1SCC340003D2704
DNV GL Certificate	1SCC340045D0203
Instructions and Manuals	1SCC340002M0012
REACH Declaration	1SCC340076D0201
RoHS Information	1SCC340075D0201

### Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	106 mm
Package Level 1 Depth / Length	158 mm
Package Level 1 Height	97 mm
Package Level 1 Gross Weight	0.5 kg
Package Level 1 EAN	6417019130835

### 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	5. Small Equipment (No External Dimension More Than 50 cm)
E-Number (Sweden)	3140148

### Categories

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

