

PRODUCT-DETAILS

# OTP16K3M1

## OTP16K3M1 Safety switch



### General Information

Extended Product Type	OTP16K3M1
Product ID	1SCA022400R9750
EAN	6417019130828
Catalog Description	OTP16K3M1 Safety switch

Long Description

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 by-passed, 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 Manuals	1SCC340002M0012

## 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 ( $I_e$ )	(380 ... 415 V) 32 A (500 V) 32 A (690 V) 32 A
Rated Operational Current AC-23A ( $I_e$ )	(380 ... 415 V) 16 A (500 V) 16 A (690 V) 10 A
Rated Operational Power AC-23A ( $P_e$ )	(380 ... 415 V) 7.5 kW (500 V) 7.5 kW (690 V) 7.5 kW
Conventional Thermal Current ( $I_{the}$ )	Fully Enclosed 40 A
Rated Insulation Voltage ( $U_i$ )	acc. to IEC/EN 60664-1 750 V
Rated Operational Voltage	Main Circuit 750 V
Rated Short-Circuit Making Capacity ( $I_{cm}$ )	(690 V AC) 0.705 kA
Rated Short-time Withstand Current ( $I_{cw}$ )	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	0 NO, 0 NC
Number of Auxiliary Contacts NC	0
Number of Auxiliary Contacts NO	0
Position of Neutral Terminals	Top In - Bottom Out
Position of PE Terminals	Top In - Bottom Out

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## Environmental

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RoHS Status

Following EU Directive 2011/65/EU

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## Certificates and Declarations (Document Number)

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

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## Container Information

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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	6417019130828

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## Classifications

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Object Classification Code	Q
ETIM 5	EC000216 - Switch disconnecter
ETIM 6	EC000216 - Switch disconnecter
ETIM 7	EC000216 - Switch disconnecter
ETIM 8	EC000216 - Switch disconnecter
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
E-Number (Sweden)	3140146

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## Categories

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

