

PRODUCT-DETAILS

# OTP16H3M

## OTP16H3M Safety switch



### General Information

Extended Product Type	OTP16H3M
Product ID	1SCA022608R8190
EAN	6417019198156
Catalog Description	OTP16H3M Safety switch
Long Description	Safety switch, 3-p. 415V AC23 16A, 7.5kW. Mounted auxiliary contact: 1NO0NC. Plastic enclosure. IP65. White Selector handle. Interlocked cover. 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 switch is made for 5 wire system, and have a fixed neutral terminal and PE terminal. Two membrane glands and two pull stoppers included.

### Circular Value

Conflict Minerals Reporting Template (CMRT)	9AKK108467A5658
REACH Declaration	1SCC340076D0201
RoHS Information	1SCC340075D0201
Toxic Substances Control Act - TSCA	1SCC340095D0201

## 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 Impulse Withstand Voltage ( $U_{imp}$ )	0.5 kV
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 Low Voltage ( $I_{cw}$ )	for 1 s 0.5 kA
Power Loss	at Rated Operating Conditions per Pole 1.6 W
Pollution Degree	3
Handle Color	White
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	Screw Clamp 0.75 ... 10 mm <sup>2</sup>

Main Circuit	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	Top and/or Bottom
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

### Technical UL/CSA

Tightening Torque	Main Circuit 0.8 N-m
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### Environmental

RoHS Status	Following EU Directive 2011/65/EU
Toxic Substances Control Act - TSCA	1SCC340095D0201

### Certificates and Declarations

BV Certificate	1SCC340018D0204
Declaration of Conformity - CE	1SCC340003D2704
DNV GL Certificate	1SCC340045D0203
REACH Declaration	1SCC340076D0201

### 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	6417019198156

### Classifications

Object Classification Code	Q
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ETIM 7	EC000216 - Switch disconnector
ETIM 8	EC000216 - Switch disconnector
ETIM 9	EC000216 - Switch disconnector (low voltage)
eClass	V11.1 : 27371403
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
E-Number (Sweden)	3140142

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## Categories

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

