



PRODUCT-DETAILS

# OTP16GT3M

## OTP16GT3M Maintenance switch



### General Information

<b>Extended Product Type:</b>	OTP16GT3M
<b>Product ID:</b>	1SCA164756R1001
<b>EAN:</b>	6417019939322
<b>Catalog Description:</b>	OTP16GT3M Maintenance switch
<b>Long Description:</b>	Maintenance switch, 3-p. 415V AC23 16A, 7.5kW. 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 and one control cable, 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.
<b>Display Name:</b>	OTP16GT3M

### Material Compliance

<b>REACH Declaration:</b>	1SCC340076D0201
<b>RoHS Declaration:</b>	1SCC340075D0201
<b>RoHS Information:</b>	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019

Toxic Substances Control Act - TSCA: 1SCC340095D0201

---

---

## Popular Downloads

---

Data Sheet, Technical Information:	1SCC340017C0201 1SCC340015C0201
Instructions and Manuals:	1SCC340002M0012
Mechanical Drawings:	OTPK151385SM25_2.stp

---

---

## Environmental

---

Degree of Protection:	acc. to IEC 60529 IP65
Pollution Degree:	3

---

---

## Ordering

---

Minimum Order Quantity:	1 piece
Customs Tariff Number:	85363030
Country of Origin:	Finland

---

---

## Dimensions

---

Product Net Width:	130 mm
Product Net Height:	150 mm
Product Net Depth / Length:	85 mm
Product Net Weight:	0.54 kg

---

---

## Container Information

---

Package Level 1 Units:	box 1 piece
Package Level 1 Width:	142 mm
Package Level 1 Depth / Length:	167 mm
Package Level 1 Height:	130 mm
Package Level 1 Gross Weight:	0.64 kg
Package Level 1 EAN:	6417019939322

---

---

## Technical

---

Cable Outlets Per Side:	2xM25+M16 / 2xM25+M16
Connecting Capacity Main Circuit:	Screw Clamp 0.75 ... 10 mm <sup>2</sup> Screw Clamp / PE Terminal 2pc 1.5 ... 10 mm <sup>2</sup>
Conventional Thermal Current (I <sub>the</sub> ):	Fully Enclosed 16 A

---

<b>Enclosure Material:</b>	Plastic
<b>Enclosure Type:</b>	OTP1
<b>Handle Color:</b>	Black
<b>Handle Type:</b>	Selector
<b>Impact Resistance Rating:</b>	Housing IK08
<b>Maximum Mounted Auxiliary Contacts:</b>	2 NO, 2 NC
<b>Mechanical Durability:</b>	100000
<b>Mounted Auxiliary Contacts:</b>	1 NO, 1 NC
<b>Neutral Type:</b>	Fixed and Switchable Neutral
<b>Number of Auxiliary Contacts NC:</b>	1
<b>Number of Auxiliary Contacts NO:</b>	1
<b>Number of Poles:</b>	3P
<b>Position of Line Terminals:</b>	Top In - Bottom Out
<b>Power Loss:</b>	at Rated Operating Conditions per Pole 1.6 W Total 4.8 W
<b>Rated Conditional Short-Circuit Current (I<sub>nc</sub>):</b>	(415 V AC) 50 kA
<b>Rated Impulse Withstand Voltage (U<sub>imp</sub>):</b>	acc. to IEC 60947-2 8 kV
<b>Rated Insulation Voltage (U<sub>i</sub>):</b>	acc. to IEC 60947-1 750 V
<b>Rated Operational Current AC-22A (I<sub>e</sub>):</b>	(380 ... 415 V) 16 A (500 V) 16 A (690 V) 16 A
<b>Rated Operational Current AC-23A (I<sub>e</sub>):</b>	(380 ... 415 V) 16 A (500 V) 16 A (690 V) 16 A
<b>Rated Operational Power AC-23A (P<sub>e</sub>):</b>	(380 ... 415 V) 7.5 A (500 V) 9 A (690 V) 11 A
<b>Rated Operational Voltage:</b>	Main Circuit 690 V
<b>Rated Short-Circuit Making Capacity (I<sub>cm</sub>):</b>	(690 V AC) 1.76 kA
<b>Rated Short-time Withstand Current Low Voltage (I<sub>cw</sub>):</b>	for 1 s 0.8 kA for 0.2 s 1.25 kA
<b>Recommended Screw Driver:</b>	Main Circuit Pozidriv 2
<b>Special Functions:</b>	0
<b>Standards:</b>	IEC 60947-3 IEC62626-1/cl.0 IEC60529 IEC62262
<b>Switches Operating Mechanism:</b>	On the Front of the Switch
<b>Terminal Type:</b>	Screw Terminals
<b>Tightening Torque:</b>	acc. IEC 60947-1 1
<b>Wire Stripping Length:</b>	Main Circuit 9-10 Main Circuit MainCircuit mm

## Certificates and Declarations

**CB Certificate:** 1SCC340134D0201

Declaration of Conformity - CE: 1SCC340003D2704

---

---

### 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
WEEE Category:	5. Small Equipment (No External Dimension More Than 50 cm)
E-Number (Sweden):	3136144

---

---

### Categories

---

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

