

PRODUCT-DETAILS

# OTP25A6M

## OTP25A6M Safety switch



### General Information

Extended Product Type	OTP25A6M
Product ID	1SCA022401R2460
EAN	6417019131092
Catalog Description	OTP25A6M Safety switch

Long Description	<p>Safety switch, 6-p. 415V AC23 30A, 15kW. Mounted auxiliary contact: 1NO0NC. Plastic enclosure. IP65. RedYellow Pistol handle. Interlocked cover. Defeatable interlocking.</p> <p>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 parallell 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.</p>
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### 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	145 mm
Product Net Height	200 mm
Product Net Depth / Length	90 mm
Product Net Weight	0.7 kg

### Technical

Rated Operational Current AC-22A ( $I_e$ )	(380 ... 415 V) 45 A (500 V) 45 A (690 V) 45 A
Rated Operational Current AC-23A ( $I_e$ )	(380 ... 415 V) 30 A (500 V) 30 A (690 V) 20 A
Rated Operational Power AC-23A ( $P_e$ )	(380 ... 415 V) 15 kW (500 V) 15 kW (690 V) 15 kW
Conventional Thermal Current ( $I_{the}$ )	Fully Enclosed 63 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) 1.4 kA
Rated Short-time Withstand Current Low Voltage ( $I_{cw}$ )	for 1 s 1 kA
Power Loss	at Rated Operating Conditions per Pole 2.8 W
Pollution Degree	3
Handle Color	Red / Yellow
Handle Type	Pistol handle
Standards	IEC 60947-1, -3
Number of Poles	6
Neutral Type	Fixed neutral
Connecting Capacity Main Circuit	Screw Clamp 0.75 ... 10 mm <sup>2</sup> Screw Clamp / PE Terminal 2pc, 1.5 ... 35 mm <sup>2</sup>
Cable Cross-Section	0.75 ... 10 mm <sup>2</sup>
Cable Entry Position	Up/Down
Cable Outlets Per Side	2xM32+M16 / 2xM32+M16
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
Tightening Torque	Main Circuit 2 N·m

### Technical UL/CSA

Tightening Torque

Main Circuit 2 N·m

**Environmental**

RoHS Status

Following EU Directive 2011/65/EU

**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	162 mm
Package Level 1 Depth / Length	222 mm
Package Level 1 Height	148 mm
Package Level 1 Gross Weight	0.8 kg
Package Level 1 EAN	6417019131092

**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)

**Categories**

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

