

PRODUCT-DETAILS

# OTE25A6M

## OTE25A6M EMC safety switch



### General Information

Extended Product Type	OTE25A6M
Product ID	1SCA150551R1001
EAN	6417019806662
Catalog Description	OTE25A6M EMC safety switch

### Long Description

The enclosure in the OTE 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 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. The EMC protection is utilized by a metal plate in the bottom, connected to the cable shield with clamps, included in the delivery. No EMC glands needed.

### 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	1SCC340003M0016
Mechanical Drawings	OTPK402014PM40.stp

## Dimensions

Product Net Width	200 mm
Product Net Height	400 mm
Product Net Depth / Length	140 mm
Product Net Weight	4.1 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 ( $I_{cw}$ )	for 1 s 1 kA
Rated Conditional Short-Circuit Current ( $I_{nc}$ )	13 kA
Power Loss	at Rated Operating Conditions per Pole 2.8 W
Pollution Degree	3
Handle Color	Red / Yellow
Handle Type	Pistol handle
Position of Line Terminals	Top In - Bottom Out
Standards	IEC 60947-1, -3
Number of Poles	6
Connecting Capacity Main Circuit	Screw Clamp 1.5...35 mm <sup>2</sup> Screw Clamp / PE Terminal 4pcs, 10...70 mm <sup>2</sup>
Cable Entry Position	Up/Down
Cable Outlets Per Side	2xM40+M16 / 2xM40+M16
Degree of Protection	acc. to IEC 60529 IP65
Enclosure Type	OTP3
Enclosure Material	Plastic
Maximum Mounted Auxiliary Contacts	2 NO, 2 NC
Mounted Auxiliary Contacts	1 NO, 0 NC
Terminal Type	Screw Terminals
Tightening Torque	acc. IEC 60947-1 2 N·m
Mechanical Durability	20000

## Certificates and Declarations (Document Number)

BV Certificate	1SCC340018D0204
Declaration of Conformity	1SCC340004D2705

- CE

DNV GL Certificate	1SCC340045D0204
Instructions and Manuals	1SCC340003M0016
RoHS Information	1SCC340066D0201

### Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	213 mm
Package Level 1 Depth / Length	417 mm
Package Level 1 Height	197 mm
Package Level 1 Gross Weight	4.3 kg
Package Level 1 EAN	6417019806662

### Classifications

Object Classification Code	Q
ETIM 5	EC000216 - Switch disconnecter
ETIM 6	EC000216 - Switch disconnecter
ETIM 7	EC000216 - Switch disconnecter
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

