



 PRODUCT-DETAILS

OTE16GT3M

OTE16GT3M EMC maintenance switch



General Information

Extended Product Type:	OTE16GT3M
Product ID:	1SCA164833R1001
EAN:	6417019940175
Catalog Description:	OTE16GT3M EMC maintenance switch
Long Description:	EMC maintenance switch, 3-p. 415V AC23 16A, 7.5kW. Plastic enclosure. IP65. Black Selector handle. Interlocked cover. Defeatable interlocking. 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.
Display Name:	OTE16GT3M

Material Compliance

REACH Declaration:	1SCC340076D0201
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RoHS Declaration:	1SCC340075D0201
RoHS Information:	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:	1SCC340003M0016 9AKK108466A4485
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:	0.58 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:	0.68 kg
Package Level 1 EAN:	6417019940175

Technical

Cable Outlets Per Side:	2xM25+M16 / 2xM25+M16
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Connecting Capacity Main Circuit:	Screw Clamp 0.75 ... 10 mm ² Screw Clamp / PE Terminal 2pc 1.5 ... 10 mm ²
Conventional Thermal Current (I_{the}):	Fully Enclosed 16 A
Enclosure Material:	Plastic
Enclosure Type:	OTP1
Handle Color:	Black
Handle Type:	Selector
Impact Resistance Rating:	Housing IK08
Maximum Mounted Auxiliary Contacts:	2 NO, 2 NC
Mechanical Durability:	100000
Mounted Auxiliary Contacts:	1 NO, 1 NC
Neutral Type:	Fixed and Switchable Neutral
Number of Auxiliary Contacts NC:	1
Number of Auxiliary Contacts NO:	1
Number of Poles:	3P
Position of Line Terminals:	Top In - Bottom Out
Power Loss:	at Rated Operating Conditions per Pole 1.6 W
Rated Conditional Short-Circuit Current (I_{nc}):	(415 V AC) 50 kA
Rated Impulse Withstand Voltage (U_{imp}):	acc. to IEC 60947-2 8 kV
Rated Insulation Voltage (U_i):	acc. to IEC 60947-1 750 V
Rated Operational Current AC-22A (I_e):	(380 ... 415 V) 16 A (500 V) 16 A (690 V) 16 A
Rated Operational Current AC-23A (I_e):	(380 ... 415 V) 16 A (500 V) 16 A (690 V) 16 A
Rated Operational Power AC-23A (P_e):	(380 ... 415 V) 7.5 A (500 V) 9 A (690 V) 11 A
Rated Operational Voltage:	Main Circuit 690 V
Rated Short-Circuit Making Capacity (I_{cm}):	(690 V AC) 1.76 kA
Rated Short-time Withstand Current Low Voltage (I_{cw}):	for 1 s 0.8 kA for 0.2 s 1.25 kA
Recommended Screw Driver:	Main Circuit Pozidriv 2
Special Functions:	EMC
Standards:	IEC 60947-3 IEC62626-1/cl.0 IEC60529 IEC62262 IEC61000-6-3/4
Switches Operating Mechanism:	On the Front of the Switch
Terminal Type:	Screw Terminals
Tightening Torque:	acc. IEC 60947-1 1
Wire Stripping Length:	Main Circuit 9-10 Main Circuit MainCircuit mm

Certificates and Declarations

CB Certificate:	1SCC340134D0201
Declaration of Conformity - CE:	1SCC340004D2705

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):	3136145

Categories

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

