

PRODUCT-DETAILS

OTE16T3M

OTE16T3M EMC safety switch



General Information

Extended Product Type	OTE16T3M
Product ID	1SCA022613R2190
EAN	6417019199658
Catalog Description	OTE16T3M EMC safety switch

Long Description

EMC safety switch, 3-p. 415V AC23 16A, 7.5kW. Mounted auxiliary contact: 1NO0NC. 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.

Circular Value

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

Control Act - TSCA

Ordering

Minimum Order Quantity	1 piece
Customs Tariff Number	85363030
Country of Origin	Lithuania (LT)

Popular Downloads

Data Sheet, Technical Information	1SCC340015C0201
Instructions and Manuals	1SCC340003M0016 9AKK108466A4485
Mechanical Drawings	OTPK151385SM25.stp

Dimensions

Product Net Width	130 mm
Product Net Height	150 mm
Product Net Depth / Length	85 mm
Product Net Weight	0.435 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 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	Black
Handle Type	Selector handle
Position of Line Terminals	Top In - Bottom Out
Standards	IEC 60947-1, -3
Special Functions	EMC
Number of Poles	3
Neutral Type	Fixed neutral

Connecting Capacity Main Circuit	Screw Clamp 0.75 ... 10 mm ² Screw Clamp / PE Terminal 2pc,1.5 ... 10 mm ²
Cable Cross-Section	0.75 ... 10 mm ²
Cable Entry Position	Top and/or Bottom
Cable Outlets Per Side	2xM25+M16 / 2xM25+M16
Degree of Protection	acc. to IEC 60529 IP65
Impact Resistance Rating	Housing IK08
Enclosure Material	Plastic
Maximum Mounted Auxiliary Contacts	2 NO, 2 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	1SCC340004D2705
DNV GL Certificate	1SCC340045D0203
REACH Declaration	1SCC340076D0201

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	0.5 kg
Package Level 1 EAN	6417019199658

Classifications

Object Classification	Q
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Code	
ETIM 7	EC000216 - Switch disconnect
ETIM 8	EC000216 - Switch disconnect
ETIM 9	EC000216 - Switch disconnect (low voltage)
UNSPSC	39122205
IDEA Granular Category Code (IGCC)	5166 >> Safety switch
eClass	V11.1 : 27371403
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
E-Number (Finland)	3642651
E-Number (Norway)	1429401
E-Number (Sweden)	3140410

Categories

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

