



PRODUCT-DETAILS

OTE75T3M

OTE75T3M EMC safety switch



General Information	
Extended Product Type	OTE75T3M
Product ID	1SCA022812R4160
EAN	6417019274560
Catalog Description	OTE75T3M EMC safety switch
Long Description	EMC safety switch, 3-p. 415V AC23 80A, 37kW. 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 parallell 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.

Material Compliance	
Conflict Minerals Reporting Template (CMRT)	9AKK108467A5658

REACH Declaration	1SCC340076D0201
RoHS Information	1SCC340075D0201
RoHS Status	Following EU Directive 2011/65/EU
Toxic Substances Control Act - TSCA	1SCC340095D0201

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 9AKK108466A4485
Mechanical Drawings	OTPK402014SM50.stp

Dimensions

Product Net Width	200 mm
Product Net Height	400 mm
Product Net Depth / Length	140 mm
Product Net Weight	3.4 kg

Technical

Rated Operational Current AC-22A (I_e)	(380 ... 415 V) 100 A (500 V) 100 A (690 V) 100 A
Rated Operational Current AC-23A (I_e)	(380 ... 415 V) 80 A (500 V) 60 A (690 V) 40 A
Rated Operational Power AC-23A (P_e)	(380 ... 415 V) 37 kW (500 V) 37 kW (690 V) 37 kW
Conventional Thermal Current (I_{the})	Fully Enclosed 115 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) 3.6 kA
Rated Short-time Withstand Current Low Voltage (I_{cw})	for 1 s 2.5 kA
Power Loss	at Rated Operating Conditions per Pole 4 W
Pollution Degree	3
Handle Color	Black
Handle Type	Selector handle
Standards	IEC 60947-1, -3
Special Functions	EMC

Number of Poles	3
Neutral Type	Fixed neutral
Connecting Capacity Main Circuit	Screw Clamp 10 ... 70 mm ² Screw Clamp / PE Terminal 4pc, 10 ... 70 mm ²
Cable Cross-Section	10 ... 70 mm ²
Wire Stripping Length	20 mm
Recommended Screw Driver	Main Circuit Hexagon 4
Cable Entry Position	Top and/or Bottom
Cable Outlets Per Side	2xM50+M16 / 2xM50+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
Tightening Torque	Main Circuit 6 N·m

Technical UL/CSA

Wire Stripping Length	20 mm
Recommended Screw Driver	Main Circuit Hexagon 4
Tightening Torque	Main Circuit 6 N·m

Certificates and Declarations

BV Certificate	1SCC340018D0204
Declaration of Conformity - CE	1SCC340004D2705
DNV GL Certificate	1SCC340045D0203

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	3.6 kg
Package Level 1 EAN	6417019274560

Classifications

Object Classification Code	Q
ETIM 8	EC000216 - Switch disconnecter
ETIM 9	EC000216 - Switch disconnecter (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)	3642884
E-Number (Norway)	1429410
E-Number (Sweden)	3134721

Categories

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

