



PRODUCT-DETAILS

OTE25T3M

OTE25T3M EMC safety switch



General Information	
Extended Product Type	OTE25T3M
Product ID	1SCA022613R2270
EAN	6417019199665
Catalog Description	OTE25T3M EMC safety switch
Long Description	EMC safety switch, 3-p. 415V AC23 30A, 15kW. 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 and Amendment 2015/863 July 22, 2019
SCIP	7cb3f5c9-d8c9-4f6b-9827-325a06e71c27 Finland (FI)
Simplified SCIP	2d83f539-9375-4788-b365-5072eba1ca62 Germany (DE) d36ede16-2542-4bdc-b41e-c57cb7ffd700 Bulgaria (BG) d2d039b2-1be7-48ac-b645-ed54b3900eb4 Sweden (SE) 2d27b05f-c75a-4c11-9cf0-db3e2628e033 Poland (PL) 05bb4fd2-e096-4c5b-bdfe-fd94853fe875 France (FR) 470b6a79-36ab-49b4-b984-1af620cbe2d5 Germany (DE) 55c88af4-d5f6-4deb-845b-ae6e9d877b6 Germany (DE) c77c18dd-bfa1-4237-8b05-ea05027a05e4 Sweden (SE) 53ca0321-d565-4e62-a04e-79c5295593ef Belgium (BE) 478993ea-6888-4880-8cf5-f28589f4faa4 Italy (IT) d44a1754-ded2-45ca-9a41-e14dafb8b6fa Germany (DE) 2b04bd61-701d-4bcd-b805-9b7ae1894792 Hungary (HU) 144a92ff-04b2-427f-a558-f2d0e22be185 Spain (ES) b37f6af1-b8e5-4bcd-bcfb-5906adc3c972 Poland (PL) e2895251-7027-4670-8782-72df19498066 Norway (NO) 6abda426-ef2c-4daa-a6c0-3215cce7056e Hungary (HU) c6f10c3b-ea3e-4fd5-968a-ccbcd8d7a33a Belgium (BE) 8ee262f6-6c0f-48e5-9b08-37c66bbfd060 Greece (GR) 24d3f085-7c26-4fa6-8d1f-f1899dc2623f Portugal (PT) 96c993e0-5248-4a3a-903e-5bf562a1a895 Estonia (EE) 239b8bef-5bad-4722-ab64-6c0f34e57ff1 Poland (PL) a29eb366-6456-43ec-8dad-8a22458eb940 Netherlands (NL) 4fbd5af4-5373-41c4-830d-b98b52213b98 France (FR) 2cdb76fc-9358-4aa0-8a2a-67d7ce8e1f1a Czech Republic (CZ) 88d23449-0bf7-42eb-a4bd-44cebf20282a Croatia (HR) de57b55f-199e-4726-9e1a-ce4687d53ad2 Germany (DE) 92d24c9f-6e0e-4905-81e0-af4f73cd049f Denmark (DK)
Toxic Substances Control Act - TSCA	1SCC340095D0201

Popular Downloads

Data Sheet, Technical Information	1SCC340015C0201
Instructions and Manuals	1SCC340003M0016 9AKK108466A4485
Mechanical Drawings	OTPK201490SM32.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 (FI)

Dimensions

Product Net Width	145 mm
Product Net Height	200 mm
Product Net Depth / Length	90 mm

Product Net Weight	0.8 kg
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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	0.9 kg
Package Level 1 EAN	6417019199665

Technical

Cable Cross-Section	1.5 ... 35 mm ²
Cable Entry Position	Top and/or Bottom
Cable Outlets Per Side	2xM32+M16 / 2xM32+M16
Connecting Capacity Main Circuit	Screw Clamp 1.5 ... 35 mm ² Screw Clamp / PE Terminal 2pc, 1.5 ... 35 mm ²
Conventional Thermal Current (I _{the})	Fully Enclosed 63 A
Degree of Protection	acc. to IEC 60529 IP65
Enclosure Material	Plastic
Handle Color	Black
Handle Type	Selector handle
Impact Resistance Rating	Housing IK08
Maximum Mounted Auxiliary Contacts	2 NO, 2 NC
Mounted Auxiliary Contacts	1 NO, 0 NC
Neutral Type	Fixed neutral
Number of Auxiliary Contacts NC	0
Number of Auxiliary Contacts NO	1
Number of Poles	3P
Pollution Degree	3
Position of Line Terminals	Top In - Bottom Out
Position of Neutral Terminals	Top In - Bottom Out
Position of PE Terminals	Top In - Bottom Out
Power Loss	at Rated Operating Conditions per Pole 2.8 W
Rated Insulation Voltage (U _i)	acc. to IEC/EN 60664-1 750 V
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
Rated Operational	Main Circuit 750 V

Voltage	
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
Recommended Screw Driver	Main Circuit Pozidriv 2
Special Functions	EMC
Standards	IEC 60947-1, -3
Tightening Torque	Main Circuit 2 N·m
Wire Stripping Length	13 mm

Technical UL/CSA

Wire Stripping Length	13 mm
Recommended Screw Driver	Main Circuit Pozidriv 2
Tightening Torque	Main Circuit 2 N·m

Certificates and Declarations

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

External Classifications and Standards

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)	3642654
E-Number (Norway)	1429404
E-Number (Sweden)	3140412

Categories

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

