PRODUCT-DETAILS

OTE75T6M

OTE75T6M EMC safety switch



General Information

Extended Product Type	OTE75T6M
Product ID	1SCA022812R5720
EAN	6417019274706
Catalog Description	OTE75T6M EMC safety switch
Long Description	EMC safety switch, 6-p. 415V AC23 80A, 37kW. Mounted auxiliary contact: 1NO0NC. Plastic enclosure. IP65. Black Pistol 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

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REACH Declaration	1SCC340076D0201
RoHS Information	1SCC340075D0201
RoHS Status	Following EU Directive 2011/65/EU
SCIP	2a7522a5-5d63-4e07-a68f-39f9d0eaffdc Finland (FI)
Simplified SCIP	3618ace7-d18a-4403-885c-f242fb6c2653 Germany (DE) 405e9655-fe55-4973-982b-5573e9a44f7d Germany (DE) dae0cf04-c65f-460f-b234-791f02ebfe79 Germany (DE) 1afef726-759e-42eb-8adc-5d431190eb2b Denmark (DK) f450fffb-993c-411a-a71f-606f7725365d Croatia (HR) bbc45ee0-5af9-4e11-9e24-38a8222512ba Greece (GR) ac2c592f-5b4b-4ff1-86c4-aa0c04ff7f81 Germany (DE) efcbeda2-d154-45af-8a8e-b815268e0b51 Bulgaria (BG) e8fba6d5-8140-4e27-9d99-762d599140a9 Portugal (PT) d9915766-fb79-466f-987d-ea5ea73c437f Germany (DE) 3a74c04d-a385-4b82-957b-6a1ca71b5948 France (FR) fc566dbc-2771-4cf1-b8a9-f6f925937082 Estonia (EE) 80a5ca61-d5c2-446f-b816-a26233b88bc6 Italy (IT) ff4f5aa6-c5ad-41b1-b284-d901290e03c4 Belgium (BE) cbbf7c90-6938-40f0-8cc3-742d9cbe6296 Poland (PL) 08f90f85-b8a6-4be5-9310-6796bafd4b3c France (FR) fef9f2c5-179a-4be0-962b-0e3fa912f040 Sweden (SE) 427eccaa-7afa-47b3-b4ae-82acb20a930c Hungary (HU) 3bee9e26-18e4-42c2-b6cb-22f6bc902cda Netherlands (NL) 6c55986c-0792-4848-bf44-00ce30307175 Poland (PL) 5d2ffb23-e663-4058-a4f8-3aa7286ac9fe Sweden (SE) 4fe5b9d7-0ab5-49ad-8581-5d4adb3e5eb2 Spain (ES) 6361a6ed-e1dc-4699-9e36-05872c5882c5 Hungary (HU) 77fa0827-6b48-42b8-a298-ffa91b0102e7 Poland (PL) b1f4d324-6847-42e3-a412-0949d917d5c8 Belgium (BE) 8e5a3ae1-f876-4be6-a263-c52c7788092e Norway (NO) 9b61c75f-1e97-4d7a-aa72-7391d5d59fcd Czech Republic (CZ)
Toxic Substances Control Act - TSCA	1SCC340095D0201

Popular Downloads

Data Sheet, Technical Information	1SCC340015C0201
Instructions and Manuals	1SCC340003M0016 9AKK108466A4485

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	200 mm
Product Net Height	400 mm
Product Net Depth / Length	140 mm
Product Net Weight	4.2 kg

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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	4.4 kg
Package Level 1 EAN	6417019274706

Technical

Cable Cross-Section	10 ... 70 mm^2
Cable Entry Position	Top and/or Bottom
Cable Outlets Per Side	2xM50+M16 / 2xM50+M16
Connecting Capacity Main Circuit	Screw Clamp 10 ... 70 mm^2 Screw Clamp / PE Terminal 4pc,10 ... 70 mm^2
Conventional Thermal Current (I_{the})	Fully Enclosed 115 A
Degree of Protection	acc. to IEC 60529 IP65
Enclosure Material	Plastic
Handle Color	Black
Handle Type	Pistol 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	6P
Pollution Degree	3
Power Loss	at Rated Operating Conditions per Pole 4 W
Rated Insulation Voltage (U_i)	acc. to IEC/EN 60664-1 750 V
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
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
Recommended Screw Driver	Main Circuit Hexagon 4

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Special Functions	EMC
Standards	IEC 60947-1, -3
Tightening Torque	Main Circuit 6 N·m
Wire Stripping Length	20 mm

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

Classifications

Object Classification Code	Q
ETIM 8	EC000216 - Switch disconnector
ETIM 9	EC000216 - Switch disconnector (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)	3642886
E-Number (Norway)	1429428
E-Number (Sweden)	3135003

Categories

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

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