PRODUCT-DETAILS

OTE25T6M

OTE25T6M EMC safety switch



General Information

Extended Product Type	OTE25T6M
Product ID	1SCA150552R1001
EAN	6417019806679
Catalog Description	OTE25T6M EMC safety switch
Long Description	EMC safety switch, 6-p. 415V AC23 30A, 15kW. 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 Declaration	1SCC340075D0201
RoHS Information	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
SCIP	c590b4b9-cae8-43b9-86bc-83f02b969e65 Finland
Simplified SCIP	06f12974-e678-44cf-b891-c95c358cf813 Germany 71e6d5c1-e496-4e5c-8c38-6be886d699e7 Sweden 5e372d3b-4f7e-4f65-86c2-92719b43a323 Bulgaria eb3833d1-7e26-4543-868f-0190ddf45dda Germany 4ccaad69-cabb-4b0d-a4b6-70566229093b Sweden 61d87d0d-a111-4fe3-a2a1-2044af1c382f Italy 4ddcef42-a07f-4f81-a0c2-6e5de07bf9f0 Belgium b30f2a76-d3fb-4c0e-981e-577214c28542 Poland 912f8d61-6b3f-4020-b4c7-212e6e1e6e5e Germany 72600bd6-5beb-428b-9b90-218e7bfcd73c Germany 269b7778-6e8c-4a70-8fe8-f9f329d731b2 France 921f6a26-53a5-41e1-bc6f-4550ae20bf7d Spain b1ab1fa8-8a17-4a20-a117-4be3977ffa33 Estonia bc2d791f-e794-4cd0-b939-f5686d55f52e Portugal a4db3d43-8d7b-46a7-8405-c5736cccf2e8 Greece d1d360a8-c740-40a0-a4b9-e38ef5452238 Poland e391be99-87e8-41de-b04d-873c420bcae5 Norway 32ccf4fa-fa69-4147-8245-18a060e06670 Hungary 51820e3e-ba94-49fe-979d-c54857e61f7e Belgium 9aa5b6d5-eb12-40ca-bc82-cccf9c6a17de Hungary ec05f7df-6b5d-4b11-8c2b-d10e4edd1947 Poland 80297656-efa4-4867-b52b-612c1c9d7380 Netherlands fa1ff851-c89a-46c7-b341-16e751f42e05 France c4ecc7db-ffb0-4407-b65a-83d2613c9dbe Czech Republic c88f74ac-eb8b-4925-bb40-cc6cfa3de8d7 Germany 4d8ce018-60fc-4bac-8d61-1404a251b4e2 Croatia 0087c1fd-bcbd-41b1-a602-6468aa07da4a Denmark
Toxic Substances Control Act - TSCA	1SCC340095D0201

Popular Downloads

Data Sheet, Technical Information	1SCC340015C0201
Instructions and Manuals	1SCC340003M0016 9AKK108466A4485
Mechanical Drawings	OTPK402014PM40.stp

Environmental

Degree of Protection	acc. to IEC 60529 IP65
Pollution Degree	3

Ordering

Minimum Order Quantity	1 piece
Customs Tariff Number	85363030
Last Ordering Date	2026-08-31 All Countries
Replacement Product ID (NEW)	OTE25GT6M
Country or Territory of Origin	Finland

Dimensions

Product Net Width	200 mm

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Product Net Height	400 mm
Product Net Depth / Length	140 mm
Product Net Weight	4.1 kg

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	4.3 kg
Package Level 1 EAN	6417019806679

Technical

Cable Cross-Section	1.5 ... 35 mm²
Cable Entry Position	Top and/or Bottom
Cable Outlets Per Side	2xM40+M16 / 2xM40+M16
Color	RAL7035
Connecting Capacity Main Circuit	Screw Clamp 1.5 ... 35 mm² Screw Clamp / PE Terminal 4pc,10 ... 70 mm²
Conventional Thermal Current (I_{the})	Fully Enclosed 63 A
Degree of Protection	acc. to IEC 60529 IP65
Enclosure Material	Plastic
Enclosure Type	OTP3
Handle Color	Black
Handle Type	Pistol handle
Impact Resistance Rating	Housing IK08
Maximum Mounted Auxiliary Contacts	2 NO, 2 NC
Mechanical Durability	20000
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
Position of Line Terminals	Top In - Bottom Out
Power Loss	at Rated Operating Conditions per Pole 2.8 W
Rated Conditional Short-Circuit Current (I_{nc})	13 kA
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

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	(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 Voltage	Main Circuit 750 V
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
Terminal Type	Screw Terminals
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 9	EC000216 - Switch disconnector (low voltage)
ETIM 10	EC000216 - Switch disconnector (AC)
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)

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Categories

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





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