PRODUCT-DETAILS

OTE75T6B

OTE75T6B EMC safety switch



General Information

Extended Product Type	OTE75T6B
Product ID	1SCA022536R1680
EAN	6417019169842
Catalog Description	OTE75T6B 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 for I-flange and have knock out holes, 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 Declaration	1SCC340075D0201

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RoHS Information	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
SCIP	c5f892f9-033e-4df1-901f-5ac03e6bf2f3 Finland
Simplified SCIP	c0837637-e734-4621-a9f7-29ef790e1c26 Germany d330650c-6378-4ebe-ac16-9680129a3904 Germany ee5bed88-bc39-4f71-9aa0-35e4c20313fa Portugal 66eed126-3d50-4604-940d-9e1c99580508 Bulgaria 2478b2a4-212c-44e4-9f94-5a62fe860e18 Greece 907cfb5a-84dd-42f6-8fa7-b79abd7327ca Croatia a0fb39f5-aae7-470e-9a8a-8dcd011221d5 Germany 38a1e4f7-f2d4-43c3-873a-78cb02b9f8e1 Czech Republic b51aa8be-6947-4397-97f3-f07be75b864f Germany 7195ca9b-0a51-463f-b7b9-580a1f607ced Germany d93a1da8-8593-4380-b8e4-4e9941cd73b7 France 83eade65-3173-429a-b84f-510e2e0d6aaf Belgium df3f22ec-05d6-4c43-a48b-35c41a395f6f Italy f19b5111-add6-4c6b-8c9c-dfb39774ef04 Estonia 62208501-586b-420b-bf96-62bea9afa9d5 Poland fd8dbcaf-e797-443b-b0be-d1cdf69fc495 Sweden 61c76cc8-a12b-4775-ad43-eea0ac67b037 Poland 1a85cb3a-d7b0-4a29-b9e5-090fbf73ad79 Netherlands 437968cb-59af-438a-a3c8-4fde6101f9ed Hungary 82c2e18f-e881-4eaa-b00a-4c0c75edcccc Sweden e802f57c-ef67-43fa-9d31-08400249671d France fc86b828-dbf9-414f-8535-d02f15c0337c Poland 23dc5be3-5792-424e-bc6e-02375dd8cebc Hungary 20c26b16-75ac-4ef0-8ae5-194319cca0d8 Spain d8742d6c-6f08-4d39-b88b-956d08dfc2bc Belgium c1c372fc-aa55-4eba-9487-97632777275f Norway cdb0b42d-02b2-451f-96e5-0cec8f1b0c59 Denmark
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
Last Ordering Date	2026-08-31 All Countries
Replacement Product ID (NEW)	OTE80GT6B
Country or Territory of Origin	Finland

Dimensions

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

Container Information

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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	6417019169842

Technical

Cable Cross-Section	10 ... 70 mm²
Cable Entry Position	Top and/or Bottom
Cable Outlets Per Side	I-flange / I-flange
Color	RAL7035
Connecting Capacity Main Circuit	Screw Clamp 10 ... 70 mm² Screw Clamp / PE Terminal 4pc,10 ... 70 mm²
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
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

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Tightening Torque	Main Circuit 6 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)
E-Number (Finland)	3601708
E-Number (Norway)	1425498

Categories

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





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