PRODUCT-DETAILS

OTL25T6B

OTL25T6B Safety switch



General Information

Extended Product Type	OTL25T6B
Product ID	1SCA022580R8090
EAN	6417019187945
Catalog Description	OTL25T6B Safety switch
Long Description	Safety switch, 6-p. 415V AC23 30A, 15kW. Mounted auxiliary contact: 1NO0NC. Steel sheet enclosure. IP65. Black Pistol handle. Interlocked cover. Defeatable interlocking. The enclosure of the OTL series is made of rigid alu-zinc coated steel with polyester powder coating. The enclosure has a hinged door, with door lock. The cover is interlocked, and can not be opened when switch is on. The interlock function can be defeated for thermographing. Suitable for outdoor use with respect to exposure to Ultraviolet Light, Water exposure and Immersion in accordance with UL746C. The cable entries are of knock out types. PE terminal included.

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	d78c9ab2-d5ab-4f8f-9242-15db1d7728c5 Finland
Simplified SCIP	61a549c2-b148-4b0c-8d9e-f2b340580402 Germany d2089022-5d1f-43f5-8a90-0f9b7b3fc2fa Germany f5f1ab4c-1e04-485a-ba19-68489ec12052 Denmark e45bd988-9c78-45e4-a045-13d2621712c8 Belgium f864b85f-713e-41cb-a346-c9ac6f9808ec Portugal dbdf46cd-9e89-46f3-b577-e600dc179316 Hungary bf64c26d-29b2-4923-ab2f-c1f13086a0fd Greece a1d14d87-c502-4edf-b5c0-22a4d06c67ce Estonia 5946c527-430c-400b-bb6a-95ea4bef385e Norway 7ed85ed4-d8e1-4bb0-8294-e23ae586652f Netherlands 82b57e2c-d321-44e6-8ff8-77237bceb7d7 Poland f1f8240d-436b-4e1f-88a3-cfaf8c0e338a Poland 9291740b-f877-4f5d-942f-6b454724be19 Czech Republic 64f2eea9-eb2f-484e-a69a-e39076551384 Spain 57bf5992-3f42-49d0-9917-721632e85868 Croatia 1a1b5dab-d186-4053-a326-4e81110e3636 Germany 339c6577-8c28-4c9b-9d73-8bcd2679b269 Germany 08ddeca0-a88c-40e8-9072-670ae3f5d522 France 4c1a01a9-40f1-4f0b-8d65-81000d2ec8e9 Sweden b3237485-5bb7-4451-9da4-8c5ee6eb91de Hungary 8f1e2f49-db23-43a5-8b5f-96d775432b87 Germany 54a72983-b6ef-4650-9b2d-f6b65e26563a France caceb0cb-6913-4895-b16e-7b4ef3b8d841 Italy c0438070-7d4e-4391-9633-269c3c97e29c Belgium 100b1095-8c12-4a94-b089-344e146c7fec Poland 40464f63-c851-4d13-b93d-96d13d42dcba Sweden 35434538-8387-4e6a-a6f0-a971ef82cee2 Bulgaria
Toxic Substances Control Act - TSCA	1SCC340095D0201

Popular Downloads

Data Sheet, Technical Information	1SCC340015C0201
Instructions and Manuals	1SCC340006M0013
Mechanical Drawings	OTLK251611PBB.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)	OTL25GT6M
Country or Territory of Origin	Bulgaria

Dimensions

Product Net Width	165 mm
Product Net Height	250 mm

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Product Net Depth / Length	110 mm
Product Net Weight	3.4 kg

Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	177 mm
Package Level 1 Depth / Length	263 mm
Package Level 1 Height	167 mm
Package Level 1 Gross Weight	3.5 kg
Package Level 1 EAN	6417019187945

Technical

Cable Cross-Section	1.5 ... 35 mm²
Cable Entry Position	Top and/or Bottom
Cable Outlets Per Side	B-flange / B-flange
Color	RAL7035
Connecting Capacity Main Circuit	Screw Clamp 1.5 ... 35 mm² Screw Clamp / PE Terminal 2pc,10 ... 70 mm²
Conventional Thermal Current (I_{the})	Fully Enclosed 63 A
Degree of Protection	acc. to IEC 60529 IP65
Enclosure Material	Steel sheet
Handle Color	Black
Handle Type	Pistol handle
Impact Resistance Rating	Housing IK09
Maximum Mounted Auxiliary Contacts	1 NO, 1 NC
Mounted Auxiliary Contacts	1 NO, 0 NC
Neutral Type	No Neutral Terminal
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
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

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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
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

Declaration of Conformity - CE	1SCC340005D2704

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 (Sweden)	3140571

Categories

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

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