PRODUCT-DETAILS

OTP25T6M

OTP25T6M Safety switch



General Information

Extended Product Type	OTP25T6M
Product ID	1SCA022401R1810
EAN	6417019131030
Catalog Description	OTP25T6M Safety switch
Long Description	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 OTP 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 cover is interlocked. 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.

Material Compliance

Conflict Minerals Reporting Template (CMRT)	9AKK108467A5658
REACH Declaration	1SCC340076D0201
RoHS Information	1SCC340075D0201
RoHS Status	Following EU Directive 2011/65/EU

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SCIP	f19634f5-4d8a-4b26-86fb-9cb3e29f5a62 Finland (FI)
Simplified SCIP	ca90c407-9662-4ce6-88a0-7774ecb58d82 Germany (DE) 1b0c5fc6-62e4-4c10-9875-c107144f6814 Spain (ES) 24027088-c4f5-4650-8d7f-29e4e85e6df8 Poland (PL) 86f2b77f-800c-4b6b-8eeb-3f12b3187a3d Italy (IT) 9b1df68d-19c5-4bce-85ad-cd29d464712a Germany (DE) 644f68f5-392e-40bc-94a1-5ff3a9b4f151 Germany (DE) d22c96dd-413a-4f8d-9d3a-f59540e75b5d Poland (PL) f0d7f39b-4c68-4d18-a5d3-76a784be11c0 France (FR) 2eb109e0-85c7-4edb-959e-54881a258605 Netherlands (NL) 2f031dd7-d1d6-44e3-be4a-012fdc4e244f Bulgaria (BG) af2f90f7-863d-420c-9a39-fe87c50359ba Greece (GR) 27e301db-7bc6-486a-b96b-aeeb9adc50d9 Sweden (SE) a89108dc-240f-4a89-b19a-23472e93d55f Estonia (EE) 8fe331bc-c522-47f7-bbd2-8682bfde31b0 Hungary (HU) 9faae7f7-1f5b-4aa9-9f92-308e63cf3947 Poland (PL) 2d3768db-d4b8-4b69-bbd8-7ed024b9e2cc Portugal (PT) 76ea5207-d67f-4db9-ae6a-3d5711f2889a France (FR) 639b0fc2-3c82-465e-9b7b-864c3a8787b2 Sweden (SE) 1d34654d-b0d5-40b5-97bb-a60e74d5c05b Denmark (DK) d5b463dd-fa8f-43a1-987b-557f59f310e6 Germany (DE) 7b5d2e58-6267-4f8e-98c2-e0da57028c0f Norway (NO) bc68a57e-cdec-4ed9-a828-9571e7798083 Croatia (HR) d82fade5-b159-43e7-8ec6-25bb75f0e74e Czech Republic (CZ) 788e1ac9-8a06-4fb5-a0d1-9ec5fa8c572e Belgium (BE) c2e10d75-3764-4d13-b2d3-8816f2dda5d9 Germany (DE) 7213d1ab-b5e4-4024-a516-5b46d7fdaaf0 Belgium (BE) f6c129f7-0435-4b1d-ba65-212f09524eef Hungary (HU)
Toxic Substances Control Act - TSCA	1SCC340095D0201

Popular Downloads

Data Sheet, Technical Information	1SCC340015C0201
Instructions and Manuals	1SCC340002M0012
Mechanical Drawings	OTPK201490PM32.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	1.2 kg

Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	162 mm
Package Level 1 Depth / Length	222 mm

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Package Level 1 Height	148 mm
Package Level 1 Gross Weight	1.3 kg
Package Level 1 EAN	6417019131030

Technical

Cable Cross-Section	1.5 ... 35 mm²
Cable Entry Position	Top and/or Bottom
Cable Outlets Per Side	2xM32+M16 / 2xM32+M16
Connecting Capacity Main Circuit	Screw Clamp 1.5 ... 35 mm² Screw Clamp / PE Terminal 2pc,1.5 ... 35 mm²
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	Pistol handle
Impact Resistance Rating	Housing IK08
Maximum Mounted Auxiliary Contacts	1 NO, 1 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
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 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	Main Circuit Pozidriv 2

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Driver	
Tightening Torque	Main Circuit 2 N·m

Certificates and Declarations

BV Certificate	1SCC340018D0204
Declaration of Conformity - CE	1SCC340003D2704
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)	3642284
E-Number (Norway)	1428972
E-Number (Sweden)	3140172

Categories

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





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