PRODUCT-DETAILS

OTP63T6B

OTP63T6B Safety switch



General Information

Extended Product Type	OTP63T6B
Product ID	1SCA022485R6440
EAN	6417019154763
Catalog Description	OTP63T6B Safety switch
Long Description	Safety switch, 6-p. 415V AC23 63A, 30kW. 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 for I-flanges 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.

Material Compliance

Conflict Minerals Reporting Template (CMRT)	9AKK108467A5658
REACH Declaration	1SCC340076D0201
RoHS Declaration	1SCC340075D0201
RoHS Information	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
SCIP	9df900a6-ed00-4215-ac3d-d0d0758d58b2 Finland

© 2025 ABB. All rights reserved.

Simplified SCIP	87ca1b2b-aa1e-4e8d-af2d-0cd4c0d8d388 Germany dbc59b6c-4129-4352-9595-0ba4d6c6b072 France 40fc59c4-2603-4be6-a984-a9e1f3935fd3 Germany 9af0a7de-fd5a-41e4-b5eb-fe33135f82d4 Germany 09a28049-de8e-40db-bba4-7f1eee3b80e8 Germany f5237bf8-25f8-44d0-93d7-7536fc0bf93c Belgium ffe78a23-9698-48a5-b573-01baa217231c Denmark 8960bbd0-5d7a-4abc-9f06-023dcca33923 Croatia 954585ab-d789-403a-8add-b2c90e578566 Germany 7d291bea-a488-4a3b-ad43-d852e5e03c7c Italy cd66b758-3298-4c69-b9b3-f5c66b32a1fc Norway 3954a797-1344-4d5b-a315-250564bfc5cb Poland d998eae3-4fda-43a4-8b3b-ccc3d7ea6f0f Spain 11cf25da-93e7-4222-ad9b-b5c1820568fb Belgium 043a64d9-a086-426b-af3f-a7a8e75d33a8 Hungary f437e68b-76d5-48f0-919e-ef2db4e58fb9 France 14436f95-4ef1-4def-b7f0-0ca490be76bb Poland aa33ae59-0740-4bcf-9b42-a772cd6d08e3 Netherlands a373e497-2bfe-421a-a86a-6cd1ddc00639 Sweden e407521e-02a3-41c1-b357-0b3f73455391 Estonia 3b9cfda4-8084-4460-93f5-b161ac479548 Sweden 05653017-7253-4c74-9f69-d791dca2a556 Bulgaria 54bdb9b7-8274-4898-96de-328c8218afe1 Greece 31865def-799d-48c5-a4df-a0953bf7d635 Poland d7d78055-43a5-453d-8c31-ac833313db43 Czech Republic 9879aabc-e575-4042-803a-638b8c8e8893 Hungary da1f0bbd-cc4a-41eb-90e5-9714a5fd0754 Portugal
Toxic Substances Control Act - TSCA	1SCC340095D0201

Popular Downloads

Data Sheet, Technical Information	1SCC340015C0201
Instructions and Manuals	1SCC340002M0012

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)	OTP63GT6B
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	2.8 kg

Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	213 mm

© 2025 ABB. All rights reserved.

Package Level 1 Depth / Length	417 mm
Package Level 1 Height	197 mm
Package Level 1 Gross Weight	3 kg
Package Level 1 EAN	6417019154763

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
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 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) 63 A (500 V) 63 A (690 V) 63 A
Rated Operational Current AC-23A (I_e)	(380 ... 415 V) 63 A (500 V) 50 A (690 V) 35 A
Rated Operational Power AC-23A (P_e)	(380 ... 415 V) 30 kW (500 V) 30 kW (690 V) 30 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
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

© 2025 ABB. All rights reserved.

Tightening Torque	Main Circuit 6 N·m

Certificates and Declarations

BV Certificate	1SCC340018D0204
Declaration of Conformity - CE	1SCC340003D2704
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 (Sweden)	3135000

Categories

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





© 2025 ABB. All rights reserved.