PRODUCT-DETAILS

OTP90A6B

OTP90A6B Safety switch



General Information

Extended Product Type	OTP90A6B
Product ID	1SCA022430R2540
EAN	6417019135564
Catalog Description	OTP90A6B Safety switch
Long Description	Safety switch, 6-p. 415V AC23 90A, 45kW. Mounted auxiliary contact: 1NO0NC. Plastic enclosure. IP65. RedYellow 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

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RoHS Declaration	1SCC340075D0201
RoHS Information	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
SCIP	674b2bd3-000c-45c8-b209-9b361a9955ab Finland
Simplified SCIP	4bda8483-7cec-420d-b2ef-eddb4eb38c17 Germany f2d88115-8edb-4bf4-83a7-fca80f52c64e Spain 2c0f0efc-7e41-491d-9097-1829db30f7db Denmark 012a6b64-ddfb-4ddd-bd39-dc4ceb575b2d Poland 15269372-423b-4868-a841-084756133b04 Hungary 20bd9919-3f1f-4c23-a71e-bdb3be2f2595 Estonia 5a0abc6b-c79f-47e4-82c3-adcb2f5e789a Greece 662d2331-a04f-450e-ad96-59a35020aceb Portugal a71361b9-3f4f-45a8-8f75-3fd7b35dc22e Czech Republic 8ae8c90b-46d7-4e85-b3c6-5e8afe054b68 Netherlands b05d969f-9ebd-4049-b4f8-f129aa4b83e9 Poland 7ab2294f-2b8b-47ae-87a9-88800d7d96d0 Poland 0a963525-86ea-42f5-ad07-3c7813a87417 Belgium 11a666a9-da43-44a3-9ee4-da3a988cc6d1 Croatia 549eeac7-0c76-4af1-a4cc-d04b6709044a Germany 55839bc6-681d-4b7f-b6e9-7ea86f93cd77 Germany f64734e3-8f96-48a2-b050-19e872660d42 Germany 629f7c32-3cea-4992-87be-5eabc4a78801 France e133a01a-4bb8-4f80-9350-83cd4ace409c Hungary 143ba1e0-df03-4877-b776-0ed375405804 Sweden 068e9a44-a29a-42ce-b772-4da92ef78207 Italy 102fd6c6-5982-41b9-8a35-d084dfe82de7 Germany f87726b5-f5f0-4bd9-829c-47cdd6ab48ca Norway e4d31d4a-280b-412a-a498-bcb586e3ae0d France 636b9be4-a627-4f4d-a36b-a14d684b42e4 Bulgaria ec40e2e8-e97d-4508-a185-50dfcf44efe1 Sweden 3a6968f2-7855-4cca-804f-2864f7c49c0d Belgium
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)	OTP80GA6B
Country or Territory of Origin	Finland

Dimensions

Product Net Width	200 mm
Product Net Height	400 mm

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Product Net Depth / Length	140 mm
Product Net Weight	2.2 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	2.4 kg
Package Level 1 EAN	6417019135564

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 125 A
Degree of Protection	acc. to IEC 60529 IP65
Enclosure Material	Plastic
Handle Color	Red / Yellow
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 6.3 W
Rated Insulation Voltage (U_i)	acc. to IEC/EN 60664-1 750 V
Rated Operational Current AC-22A (I_e)	(380 ... 415 V) 125 A (500 V) 125 A (690 V) 125 A
Rated Operational Current AC-23A (I_e)	(380 ... 415 V) 90 A (500 V) 70 A (690 V) 50 A
Rated Operational Power AC-23A (P_e)	(380 ... 415 V) 45 kW (500 V) 45 kW (690 V) 45 kW
Rated Operational Voltage	Main Circuit 750 V
Rated Short-Circuit	(690 V AC) 3.6 kA

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Making Capacity (I_{cm})	
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
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)

Categories

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

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