PRODUCT-DETAILS

OTP25T3M

OTP25T3M Safety switch



General Information

Extended Product Type	OTP25T3M
Product ID	1SCA022401R0090
EAN	6417019130859
Catalog Description	OTP25T3M Safety switch
Long Description	Safety switch, 3-p. 415V AC23 30A, 15kW. Mounted auxiliary contact: 1NO0NC. Plastic enclosure. IP65. Black Selector 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

© 2025 ABB. All rights reserved.

RoHS Declaration	1SCC340075D0201
RoHS Information	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
SCIP	5efcadc1-89b3-4a5c-a288-c0a724aea88d Finland
Simplified SCIP	e5a67717-0620-4a6e-9db0-5754704ed8b4 Germany 8c3aa446-5513-43a6-99f6-55a308592801 Norway 21d328db-872b-42f2-9574-f12af749a801 Poland 0b06cee8-9c4b-46df-b944-51e79dd429fc Bulgaria 4f7aa09d-f846-48df-b6d1-9ae75ea0c593 Sweden 69549d6a-03f7-4742-8abf-2d4f9fbd3c80 Portugal 28640300-0629-46da-af3a-a4737469b280 Greece f3c0cfe7-e094-488e-a2d6-1622cb4ef53c Estonia fd748fc7-cef8-46ba-8254-f8bf407dd813 Hungary e11a5f47-b162-4f74-8f6f-6bf3ec04b0a7 Hungary 7f63d021-eb09-4983-a2d8-346f17f8c0e5 Belgium e83e3683-134a-4156-a6e2-8f4898c5345b Spain 2e44f71f-d5ec-4dd4-a530-8ad5b512e5a3 France c721897e-7f82-404f-a119-7ffeaa81ab6c Sweden c2fb2131-f673-4a59-ae0b-7aff826b0a52 Czech Republic 023818d5-1e6e-480d-8486-b247d29d0b6e Croatia 9331ce28-c204-4855-b43d-1b1b7aea169d France 01ee26bd-4982-4e9c-b806-4533b7873d76 Denmark 0bb6a9dd-1a4f-417c-ae10-d0f06cf0fee5 Germany 0e6048ed-b8b6-47c8-b27f-c549f011bf5d Germany 476884fe-9b89-4a96-b5c5-40e10635604e Germany e26fbeba-a959-4e43-b4be-5cf7109d50ba Poland 794b1df0-3529-4531-82b8-36d0462027d2 Belgium 297d2cbb-fbc6-4d7b-9b84-26c39b4bbc5e Netherlands fad2b7b6-db57-49c8-a030-5ebfe32345be Poland ecd1541f-4377-40cc-a81e-5ae2d7a6e196 Italy 4bd6b576-cb34-408c-a361-8a55144c7812 Germany
Toxic Substances Control Act - TSCA	1SCC340095D0201

Popular Downloads

Data Sheet, Technical Information	1SCC340015C0201
Instructions and Manuals	1SCC340002M0012
Mechanical Drawings	OTPK201490SM32.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)	OTP25GT3M
Country or Territory of Origin	Finland

Dimensions

Product Net Width	145 mm

© 2025 ABB. All rights reserved.

Product Net Height	200 mm
Product Net Depth / Length	90 mm
Product Net Weight	0.8 kg

Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	162 mm
Package Level 1 Depth / Length	222 mm
Package Level 1 Height	148 mm
Package Level 1 Gross Weight	0.9 kg
Package Level 1 EAN	6417019130859

Technical

Cable Cross-Section	1.5 ... 35 mm²
Cable Entry Position	Top and/or Bottom
Cable Outlets Per Side	2xM32+M16 / 2xM32+M16
Color	RAL7035
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	Selector 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	3P
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 Conditional Short-Circuit Current (I_{nc})	13 kA
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	(380 ... 415 V) 30 A

© 2025 ABB. All rights reserved.

Current AC-23A (I_e)	(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 Driver	Main Circuit Pozidriv 2
Tightening Torque	Main Circuit 2 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 (Finland)	3642254
E-Number (Norway)	1428952
E-Number (Sweden)	3140152

© 2025 ABB. All rights reserved.

Categories

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





© 2025 ABB. All rights reserved.