

PRODUCT-DETAILS

OTP36T3M

OTP36T3M Safety switch



General Information	
Extended Product Type	OTP36T3M
Product ID	1SCA022401R0170
EAN	6417019130866
Catalog Description	OTP36T3M Safety switch
Long Description	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

1 piece
85363030
Finland (FI)

made for 5 wire system, and have a fixed neutral terminal and PE terminal.

Popular Downloads	
Data Sheet, Technical Information	1SCC340015C0201
Instructions and Manuals	1SCC340002M0012
Mechanical Drawings	OTPK201490SM32.stp

Dimensions	
Product Net Width	145 mm
Product Net Height	200 mm
Product Net Depth / Length	90 mm
Product Net Weight	0.9 kg

Conventional Thermal Current (tyne) Fully Enclosed 80 A Current (tyne) Rated Insulation Voltage (U1) acc. to IEC/EN 60664-1 750 V (U1) Rated Operational Voltage (U1) Main Circuit 750 V Voltage Rated Short-Circuit (G90 V AC) 2.1 kA Making Capacity (Icm) (690 V AC) 2.1 kA Mithstand Current (Icw) Rated Short-time for 1 s 1.5 kA Withstand Current (Icw) for 1 s 1.5 kA Mithstand Current (Icw) Power Loss at Rated Operating Conditions per Pole 4.5 W Mithstand Current (Icw) Power Los at Rated Operating Conditions per Pole 4.5 W Mithstand Current (Icw) Power Loss at Rated Operating Conditions per Pole 4.5 W Mithstand Current (Icw) Power Loss at Rated Operating Conditions per Pole 4.5 W Mithstand Current (Icw) Power Loss at Rated Operating Conditions per Pole 4.5 W Mithstand Current (Icw) Power Loss at Rated Operating Conditions per Pole 4.5 W Mithstand Current (Icw) Position of Line Terminals Top In - Bottom Out Terminals Standards IEC 60947-1, -3 Number of Poles 3 Neutral Type Screw Clamp 1.5 35 mm² Cannecting Capacity Screw Clamp / PE Terminal 2pc, L5 35 mm² Cable Cross-Section 1.5 35 mm² Cable Cross-		
Current AC-22A (la) (5090 y 63 A (6990 y 63	Technical	
Current AC-23A (le) (50 V) 4 SA (509 V) 25 A (509 V) 25 A (509 V) 25 A W Rated Operational Power AC-23A (Pe) (380 415 V) 22 kW (509 V) 15 kW Conventional Thermal (Current (Iche)) Fully Enclosed 80 A Current (Iche) Rated Insulation Voltage (U) acc. to IEC/EN 60664-1 750 V (V) Rated Operational (Main Circuit 750 V Voltage) Main Circuit 750 V (Fe) A	·	(500 V) 63 A
AC-23A (Pe) (500 V) 22 kW Conventional Thermal Current (Itheh) Fully Enclosed 80 A Current (Itheh) acc. to IEC/EN 60664-1 750 V Rated Insulation Voltage acc. to IEC/EN 60664-1 750 V Rated Operational Main Circuit 750 V Voltage (690 V AC) 2.1 kA Rated Short-Circuit (690 V AC) 2.1 kA Making Capacity (Irm) for 1 s 1.5 kA Withstand Current (Icw) for 1 s 1.5 kA Power Loss at Rated Operating Conditions per Pole 4.5 W Pollution Degree 3 Handle Color Black Handle Type Selector handle Position of Line Top In- Bottom Out Terminals IEC 60947-1,-3 Number of Poles 3 Neutral Type Series Clamp 1.5 35 mm² Connecting Capacity Series Clamp 1.5 35 mm² Cable Entry Position 1,5 35 mm² Cable Entry Position 1,5 35 mm² Cable Entry Position 2 xM32*2+M16 C0529 IPS5 Impact Resistance 2 xM32*2+M16 C0529 IPS5 Impact Resistance 2 xM32*2+M16 C	· · · · · · · · · · · · · · · · · · ·	(500 V) 45 A
Current (Ithe) acc. to IEC/EN 60664-1 750 V (VI) Rated Insulation Voltage (VI) Main Circuit 750 V Voltage Rated Operational Voltage Main Circuit 750 V Voltage Rated Short-Circuit (690 V AC) 2.1 kA Making Capacity (Icm) for 1 s.1 5 kA Withstand Current (Icm) for 1 s.1 5 kA Power Loss at Rated Operating Conditions per Pole 4.5 w Pollution Degree 3 Handle Color Black Handle Type Selector handle Position of Line Top In - Bottom Out Terminals IEC 60947-1,-3 Number of Poles 3 Number of Poles Fixed neutral Connecting Capacity Screw Clamp 1.5 35 mm² Neutral Type Fixed neutral Cable Cross-Section 5crew Clamp / PE Terminal 2pc,15 35 mm² Cable Cross-Section 15 35 mm² Cable Cross-Section 2xM32*M16 / 2xM32*M16 Cable Cross-Section 3cc. to IEC 60529 IP65 Degree of Protection acc. to IEC 60529 IP65 Impact Resistance Auxiliary Maximum Mounted	Rated Operational Power AC-23A (P _e)	(500 V) 22 kW
(U) Rated Operational Ovoltage Main Circuit 750 V Voltage Rated Short-Circuit Making Capacity (Icm) (690 V AC) 2.1 kA Rated Short-Time Rated Short Lime Withstand Current (Icw) For 1 s.1 s. kA Power Loss at Rated Operating Conditions per Pole 4.5 W Pollution Degree 3 Handle Color Black Handle Type Selector handle Position of Line Top In - Bottom Out Terminals Top In - Bottom Out Standards IEC 60947-1, -3 Number of Poles 3 Neutral Type Fixed neutral Connecting Capacity Screw Clamp 15 35 nm² Main Circuit Screw Clamp 1 F Ereminal 2pc, 1.5 35 nm² Cable Cross-Section 1.5 35 nm² Cable Cross-Section 1.5 35 nm² Cable Cutlets Per Side 2xM32+Mi6 / 2xM32+Mi6 / 2xM32+Mi6 Degree of Protection acc. to IEC 60529 IP65 Impact Resistance		Fully Enclosed 80 A
Voltage Rated Short-Circuit Making Capacity (Icm) (690 V AC) 2.1 kA Making Capacity (Icm) Rated Short-time Making Capacity (Icm) for 1 s 1.5 kA Withstand Current (Icw) Power Loss at Rated Operating Conditions per Pole 4.5 W Pollution Degree 3 Handle Color Black Handle Type Selector handle Position of Line Top In - Bottom Out Terminals Top In - Bottom Out Standards IEC 60947-1,-3 Number of Poles 3 Neutral Type Screw Clamp 1.5 35 mm² Connecting Capacity Screw Clamp 1.5 35 mm² Vable Crivity Screw Clamp / PE Terminal 2pc,1.5 35 mm² Cable Corts-Section 1.5 35 mm² Cable Curtlets Per Side 2xM32+M16 / 2xM32+M16 Degree of Protection acc. to IEC 60529 IP65 Impact Resistance Housing IK08 Rating Plastic Maximum Mounted 2 NO, 2 NC Auxiliary Contacts 1 NO, 0 NC Number of Auxiliary 1 NO, 0 NC Contacts NC 1 NO Number of Auxiliar	-	acc. to IEC/EN 60664-1 750 V
Making Capacity (Icm) for 1 s 1.5 kA Rated Short-time for 1 s 1.5 kA Withstand Current (Icw) for 1 s 1.5 kA Power Loss at Rated Operating Conditions per Pole 4.5 W Pollution Degree 3 Handle Color Black Landle Type Selector handle Position of Line Top In - Bottom Out Terminals IEC 60947-1,-3 Standards IEC 60947-1,-3 Number of Poles 3 Neutral Type Fixed neutral Connecting Capacity Screw Clamp 1.5 35 mm² Asible Cross-Section 5crew Clamp / PE Terminal 2pc,1.5 35 mm² Cable Cross-Section Up/Down Cable Cottes Per Side 2xM32+M16 / 2xM32+M16 Degree of Protection acc. to IEC 60529 IP65 Impact Resistance Housing IKo8 Rating Plastic Maximum Mounted 2 NO, 2 NC Auxiliary Contacts 1 NO, 0 NC Mounted Auxiliary 1 NO, 0 NC Contacts NC 0 Number of Auxiliary 1 NO		Main Circuit 750 V
Withstand Current (Icw) Power Loss at Rated Operating Conditions per Pole 4.5 W Pollution Degree 3 Handle Color Black Handle Type Selector handle Position of Line Top In - Bottom Out Terminals Standards IEC 60947-1, -3 Number of Poles 3 Neutral Type Fixed neutral Connecting Capacity Screw Clamp 1.5 35 mm² Main Circuit Screw Clamp / PE Terminal 2pc, 1.5 35 mm² Cable Cross-Section 1.5 35 mm² Cable Cross-Section Screw Clamp / PE Terminal 2pc, 1.5 35 mm² Cable Entry Position Up/Down Cable Outlets Per Side 2xM32+M16 /		(690 V AC) 2.1 kA
Pollution Degree 3 Handle Color Black Handle Type Selector handle Position of Line Top In - Bottom Out Terminals Standards Top In - Bottom Out Terminals		for 1 s 1.5 kA
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Handle Type Position of Line Top In - Bottom Out Terminals Standards Standards Number of Poles Neutral Type Fixed neutral Connecting Capacity Screw Clamp 1.5 35 mm² Main Circuit Screw Clamp / PE Terminal 2pc, 1.5 35 mm² Cable Cross-Section Cable Entry Position Cable Entry Position Cable Outlets Per Side Degree of Protection Empact Resistance Rating Enclosure Material Maximum Mounted Auxiliary Contacts Number of Auxiliary Contacts Number of Auxiliary Contacts NC Number of Auxiliary Contacts NC Position of Neutral Position of Neutral Top In - Bottom Out Terminals	Pollution Degree	3
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Terminals Standards IEC 60947-1, -3 Number of Poles Standards Stan	Handle Type	Selector handle
Number of Poles Neutral Type Fixed neutral Connecting Capacity Main Circuit Screw Clamp 1.5 35 mm² Screw Clamp / PE Terminal 2pc,1.5 35 mm² Cable Cross-Section 1.5 35 mm² Cable Entry Position Up/Down Cable Outlets Per Side 2xM32+M16 / 2xM32+M16 Degree of Protection acc. to IEC 60529 IP65 Impact Resistance Rating Enclosure Material Enclosure Material Plastic Maximum Mounted Auxiliary Contacts Mounted Auxiliary Contacts Number of Auxiliary Contacts Number of Auxiliary Contacts NC Number of Auxiliary Contacts NO Position of Neutral Position of Neutral Top In - Bottom Out		Top In - Bottom Out
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Main Circuit Cable Cross-Section Cable Entry Position Cable Outlets Per Side Degree of Protection Enclosure Material Enclosure Material Maximum Mounted Auxiliary Contacts Number of Auxiliary Contacts NC Number of Auxiliary Contacts NO Position of Neutral Top In - Bottom Out Terminals	Neutral Type	Fixed neutral
Cable Entry Position Up/Down Cable Outlets Per Side 2xM32+M16 / 2xM32+M16 Degree of Protection acc. to IEC 60529 IP65 Impact Resistance Rating Enclosure Material Plastic Maximum Mounted Auxiliary Contacts Mounted Auxiliary Contacts Number of Auxiliary Contacts NC Number of Auxiliary Contacts NO Position of Neutral Top In - Bottom Out Terminals		
Cable Outlets Per Side 2xM32+M16 / 2xM32+M16 Degree of Protection acc. to IEC 60529 IP65 Impact Resistance Housing IK08 Rating Enclosure Material Plastic Maximum Mounted 2 NO, 2 NC Auxiliary Contacts Mounted Auxiliary 1 NO, 0 NC Contacts Number of Auxiliary 0 Contacts NC Number of Auxiliary 1 Contacts NO Position of Neutral Top In - Bottom Out Terminals	Cable Cross-Section	1.5 35 mm²
Degree of Protection acc. to IEC 60529 IP65 Impact Resistance Rating Enclosure Material Plastic Maximum Mounted 2 NO, 2 NC Auxiliary Contacts Mounted Auxiliary Contacts Number of Auxiliary Contacts NC Number of Auxiliary Contacts NO Position of Neutral Terminals acc. to IEC 60529 IP65 Acc. to IEC 60529 IP65 In June 10 Contacts Plastic Acc. to IEC 60529 IP65 In June 10 Contacts Acc. to IEC 60529 IP65 In June 10 Contacts Acc. to IEC 60529 IP65 In June 10 Contacts Acc. to IEC 60529 IP65 In June 10 Contacts Acc. to IEC 60529 IP65 In June 10 Contacts In June 10 Contacts Acc. to IEC 60529 IP65 In June 10 Contacts Acc. to IEC 60529 IP65 In June 10 Contacts Acc. to IEC 60529 IP65 In June 10 Contacts Acc. to IEC 60529 IP65 In June 10 Contacts Acc. to IEC 60529 IP65 In June 10 Contacts Acc. to IEC 60529 IP65 In June 10 Contacts Acc. to IEC 60529 IP65 In June 10 Contacts Acc. to IEC 60529 IP65 In June 10 Contacts Acc. to IEC 60529 IP65 In June 10 Contacts Acc. to IEC 60529 IP65 In June 10 Contacts Acc. to IEC 60529 IP65 In June 10 Contacts Acc. to IEC 60529 IP65 In June 10 Contacts Acc. to IEC 60529 IP65 In June 10 Contacts Acc. to IEC 60529 IP65 In June 10 Contacts Acc. to IEC 60529 IP65 In June 10 Contacts Acc. to IEC 60529 IP65 In June 10 Contacts Acc. to IEC 60529 IP65 In June 10 Contacts Acc. to IEC 60529 IP65 In June 10 Contacts Acc. to IEC 60529 IP65 In June 10 Contacts Acc. to IEC 60529 IP65 In June 10 Contacts Acc. to IEC 60529 IP65 In June 10 Contacts Acc. to IEC 60529 IP65 In June 10 Contacts Acc. to IEC 60529 IP65 In June 10 Contacts Acc. to IEC 60529 IP65 In June 10 Contacts Acc. to IEC 60529 IP65 In June 10 Contacts Acc. to IEC 60529 IP65 In June 10 Contacts Acc. to IEC 60529 IP65 In June 10 Contacts Acc. to IEC 60529 IP65 In June 10 Contacts Acc. to IEC 60529 IP65 In June 10 Contacts Acc. to IEC 60529 IP65 In June 10 Contacts Acc. to IEC 60529 IP65 In June 10 Contacts Acc. to IEC 60529 IP65 In June 10 Contacts Acc. to IEC 60529 IP65 In June 10 Contacts Acc. to IEC 60529 IP65 In June 10 Contacts Acc. to IEC	Cable Entry Position	Up/Down
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Rating Enclosure Material Plastic Maximum Mounted 2 NO, 2 NC Auxiliary Contacts Mounted Auxiliary Contacts Number of Auxiliary Contacts NC Number of Auxiliary Contacts NC Number of Auxiliary Contacts NO Top In - Bottom Out Terminals	Degree of Protection	acc. to IEC 60529 IP65
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Auxiliary Contacts Mounted Auxiliary Contacts Number of Auxiliary Contacts NC Number of Auxiliary Contacts NC Number of Auxiliary Contacts NO Position of Neutral Terminals 1 NO, 0 NC 1 NO, 0 NC 1 NO, 0 NC 1 Top In - Bottom Out	Enclosure Material	Plastic
Contacts Number of Auxiliary Contacts NC Number of Auxiliary Contacts NO Position of Neutral Terminals 1 Top In - Bottom Out		2 NO, 2 NC
Number of Auxiliary Contacts NC Number of Auxiliary Contacts NO Position of Neutral Terminals 1 Top In - Bottom Out	Mounted Auxiliary	1 NO, 0 NC
Contacts NC Number of Auxiliary Contacts NO Position of Neutral Terminals Top In - Bottom Out	Contacts	
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Terminals		1
Position of PE Terminals Top In - Bottom Out		Top In - Bottom Out
	Position of PE Terminals	Top In - Bottom Out

Fnviroi	nmental	
	ciicai	

RoHS Status	Following EU Directive 2011/65/EU
NOTIS Status	I Ollowing Lo Directive Lotif 05/ Lo

Certificates and Declarations (Document Number)	
BV Certificate	1SCC340018D0204
Declaration of Conformity - CE	1SCC340003D2704
DNV GL Certificate	1SCC340045D0203
Instructions and Manuals	1SCC340002M0012
RoHS Information	1SCC340003D2704

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	1 kg
Package Level 1 EAN	6417019130866

Classifications	
Object Classification	Q
Code	
ETIM 5	EC000216 - Switch disconnector
ETIM 6	EC000216 - Switch disconnector
ETIM 7	EC000216 - Switch disconnector
ETIM 8	EC000216 - Switch disconnector
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
E-Number (Finland)	3642255
E-Number (Norway)	1428000
E-Number (Sweden)	3140154

Categories

 $Low\ Voltage\ Products\ and\ Systems \rightarrow Enclosed\ Switches \rightarrow Enclosed\ Safety\ Switches \rightarrow Enclosed\ Safety\ Switches$

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