PRODUCT-DETAILS

OTP16H3M1

OTP16H3M1 Safety switch



General Information

Extended Product Type	OTP16H3M1
Product ID	1SCA022432R1090
EAN	6417019136523
Catalog Description	OTP16H3M1 Safety switch
Long Description	Safety switch, 3-p. 415V AC23 16A, 7.5kW. Plastic enclosure. IP65. White Selector handle. Interlocked cover. 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, both from top and bottom. The handle is padlockable and made for three padlocks. The cover is interlocked. The switch is made for 5 wire system, and have a fixed neutral terminal and PE terminal. Two membrane glands and two pull stoppers included.

Material Compliance

Conflict Minerals Reporting Template (CMRT)	9AKK108467A5658
REACH Declaration	1SCC340076D0201
RoHS Information	1SCC340075D0201
RoHS Status	Following EU Directive 2011/65/EU
Toxic Substances Control	1SCC340095D0201

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Act - TSCA	

Popular Downloads

Data Sheet, Technical Information	1SCC340015C0201
Instructions and Manuals	1SCC340002M0012
Mechanical Drawings	OTPK0128560SRM20.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	85 mm
Product Net Height	120 mm
Product Net Depth / Length	60 mm
Product Net Weight	0.4 kg

Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	106 mm
Package Level 1 Depth / Length	158 mm
Package Level 1 Height	97 mm
Package Level 1 Gross Weight	0.5 kg
Package Level 1 EAN	6417019136523

Technical

Cable Cross-Section	0.75 ... 10 mm²
Cable Entry Position	Top and/or Bottom
Cable Outlets Per Side	2xM20 / 2xM20
Connecting Capacity Main Circuit	Screw Clamp 0.75 ... 10 mm² Screw Clamp / PE Terminal 2pc,0.75 ... 2.5 mm²
Conventional Thermal Current (I_{the})	Fully Enclosed 40 A
Degree of Protection	acc. to IEC 60529 IP65
Enclosure Material	Plastic
Handle Color	White
Handle Type	Selector handle
Impact Resistance Rating	Housing IK08
Maximum Mounted Auxiliary Contacts	1 NO, 1 NC
Mounted Auxiliary	0 NO, 0 NC

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Contacts	
Neutral Type	Fixed neutral
Number of Auxiliary Contacts NC	0
Number of Auxiliary Contacts NO	0
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 1.6 W
Rated Impulse Withstand Voltage (U_{imp})	0.5 kV
Rated Insulation Voltage (U_i)	acc. to IEC/EN 60664-1 750 V
Rated Operational Current AC-22A (I_e)	(380 ... 415 V) 32 A (500 V) 32 A (690 V) 32 A
Rated Operational Current AC-23A (I_e)	(380 ... 415 V) 16 A (500 V) 16 A (690 V) 10 A
Rated Operational Power AC-23A (P_e)	(380 ... 415 V) 7.5 kW (500 V) 7.5 kW (690 V) 7.5 kW
Rated Operational Voltage	Main Circuit 750 V
Rated Short-Circuit Making Capacity (I_{cm})	(690 V AC) 0.705 kA
Rated Short-time Withstand Current Low Voltage (I_{cw})	for 1 s 0.5 kA
Standards	IEC 60947-1, -3
Tightening Torque	Main Circuit 0.8 N·m
Wire Stripping Length	10 mm

Technical UL/CSA

Wire Stripping Length	10 mm
Tightening Torque	Main Circuit 0.8 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 (Sweden)	3140140

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Categories

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





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