



PRODUCT-DETAILS

# OTP45B4M

## OTP45B4M Enclosed Switch Disconnecter




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### General Information

Extended Product Type	OTP45B4M
Product ID	1SCA022401R4750
EAN	6417019131320
Catalog Description	OTP45B4M Enclosed Switch Disconnecter
Long Description	<p>Encl. Switch Disconnecter, 4-p. 415V AC23 45A, 22kW. 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.</p> <p>The cable entries are threaded and have knock out holes for 2 parallel 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.</p>

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### Circular Value

Conflict Minerals Reporting Template (CMRT)	9AKK108467A5658
REACH Declaration	1SCC340076D0201
RoHS Information	1SCC340075D0201
Toxic Substances Control	1SCC340095D0201

Act - TSCA

## Ordering

Minimum Order Quantity	1 piece
Customs Tariff Number	85363030
Country of Origin	Finland (FI)

## 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

## Technical

Rated Operational Current AC-21A ( $I_e$ )	(500 V) 63 A (380 ... 415 V) 63 A (690 V) 63 A
Rated Operational Current AC-22A ( $I_e$ )	(380 ... 415 V) 63 A (690 V) 63 A
Rated Operational Current AC-23A ( $I_e$ )	(380 ... 415 V) 45 A (500 V) 45 A (690 V) 20 A
Rated Operational Power AC-23A ( $P_e$ )	(380 ... 415 V) 22 kW (500 V) 22 kW (690 V) 15 kW
Conventional Thermal Current ( $I_{the}$ )	Fully Enclosed 63 A
Rated Impulse Withstand Voltage ( $U_{imp}$ )	1 kV
Rated Insulation Voltage ( $U_i$ )	acc. to IEC/EN 60664-1 750 V
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
Power Loss	at Rated Operating Conditions per Pole 1.5 W
Pollution Degree	3
Handle Color	Black
Handle Type	Selector handle
Position of Line Terminals	Top In - Bottom Out
Standards	IEC 60947-1, -3
Number of Poles	4
Neutral Type	Fixed and switchable neutral
Connecting Capacity Main Circuit	Screw Clamp 1.5 ... 35 mm <sup>2</sup> Screw Clamp / PE Terminal 2pc, 1.5 ... 35 mm <sup>2</sup>
Cable Cross-Section	1.5 ... 35 mm <sup>2</sup>

Wire Stripping Length	13 mm
Recommended Screw Driver	Main Circuit Pozidriv 2
Cable Entry Position	Top and/or Bottom
Cable Outlets Per Side	2xM32+M16 / 2xM32+M16
Degree of Protection	acc. to IEC 60529 IP65
Impact Resistance Rating	Housing IK08
Enclosure Material	Plastic
Maximum Mounted Auxiliary Contacts	2 NO, 2 NC
Mounted Auxiliary Contacts	0 NO, 0 NC
Number of Auxiliary Contacts NC	0
Number of Auxiliary Contacts NO	0
Position of Neutral Terminals	Top In - Bottom Out
Position of PE Terminals	Top In - Bottom Out
Tightening Torque	Main Circuit 2 N·m

### Technical UL/CSA

Wire Stripping Length	13 mm
Recommended Screw Driver	Main Circuit Pozidriv 2
Tightening Torque	Main Circuit 2 N·m

### Environmental

RoHS Status	Following EU Directive 2011/65/EU
Toxic Substances Control Act - TSCA	1SCC340095D0201

### Certificates and Declarations

BV Certificate	1SCC340018D0204
Declaration of Conformity - CE	1SCC340003D2704
DNV GL Certificate	1SCC340045D0203
REACH Declaration	1SCC340076D0201

### 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	6417019131320

### Classifications

Object Classification Code	Q
ETIM 7	EC000216 - Switch disconnecter
ETIM 8	EC000216 - Switch disconnecter

ETIM 9

EC000216 - Switch disconnecter (low voltage)

eClass

V11.1 : 27371403

WEEE Category

5. Small Equipment (No External Dimension More Than 50 cm)

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## Categories

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Low Voltage Products and Systems → Enclosed Switches → Enclosed Switch-Disconnectors → Enclosed Switch-Disconnectors

