



PRODUCT-DETAILS

# OTU100B3MS4

## OTU100B3MS4 Encl. Switch Disconnecter




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### General Information

Extended Product Type	OTU100B3MS4
Product ID	1SCA160360R1001
EAN	6417019901343
Catalog Description	OTU100B3MS4 Encl. Switch Disconnecter
Long Description	Encl. Switch Disconnecter, 3-p. 415V AC23 80A, 37kW. Plastic enclosure. IP65. Black Selector handle. The enclosure in the OTU 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 of knock out type, for 2 parallel cables, both from top and bottom. The handle is padlockable and made for three padlocks. The switch is made for 5 wire system, and have a fixed neutral terminal and PE terminal.

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### 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 Act - TSCA	1SCC340095D0201

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## Ordering

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

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## Popular Downloads

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Data Sheet, Technical Information	1SCC340015C0201
Instructions and Manuals	1SCC340157M0202
Mechanical Drawings	EOTK4S302113S4020.stp

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## Dimensions

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Product Net Width	210 mm
Product Net Height	300 mm
Product Net Depth / Length	136 mm
Product Net Weight	1.88 kg

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## Technical

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Rated Operational Current AC-22A ( $I_e$ )	(380 ... 415 V) 100 A (500 V) 100 A (690 V) 100 A
Rated Operational Current AC-23A ( $I_e$ )	(380 ... 415 V) 80 A (500 V) 60 A (690 V) 40 A
Rated Operational Power AC-23A ( $P_e$ )	(380 ... 415 V) 37 kW (500 V) 37 kW (690 V) 37 kW
Conventional Thermal Current ( $I_{the}$ )	Fully Enclosed 115 A
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) 3.6 kA
Rated Short-time Withstand Current Low Voltage ( $I_{cw}$ )	for 1 s 2.5 kA
Rated Conditional Short-Circuit Current ( $I_{nc}$ )	16.5 kA
Power Loss	at Rated Operating Conditions per Pole 4 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	3
Neutral Type	Fixed neutral
Connecting Capacity Main Circuit	Screw Clamp 10 ... 70 mm <sup>2</sup> Screw Clamp / PE Terminal 10 ... 70 mm <sup>2</sup>
Cable Cross-Section	10 ... 70 mm <sup>2</sup>
Wire Stripping Length	20 mm
Recommended Screw Driver	Main Circuit Hexagon 4
Cable Entry Position	Top and/or Bottom

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Cable Outlets Per Side	2xø40.5+ø20.5 / 2xø40.5+ø20.5
Degree of Protection	acc. to IEC 60529 IP65
Impact Resistance Rating	Housing IK07
Enclosure Type	OTP3
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
Terminal Type	Screw Terminals
Tightening Torque	Main Circuit 6 N·m
Mechanical Durability	20000

### Technical UL/CSA

Wire Stripping Length	20 mm
Recommended Screw Driver	Main Circuit Hexagon 4
Tightening Torque	Main Circuit 6 N·m

### Certificates and Declarations

Declaration of Conformity - CE	1SCC340003D2704
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### Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	215 mm
Package Level 1 Depth / Length	305 mm
Package Level 1 Height	181 mm
Package Level 1 Gross Weight	2.37 kg
Package Level 1 EAN	6417019901343

### Classifications

Object Classification Code	Q
ETIM 8	EC000216 - Switch disconnecter
ETIM 9	EC000216 - Switch disconnecter (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)

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## Categories

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

