



PRODUCT-DETAILS

OTU125B3MS4

OTU125B3MS4 Encl. Switch Disconnecter



General Information

Extended Product Type	OTU125B3MS4
Product ID	1SCA160364R1001
EAN	6417019901381
Catalog Description	OTU125B3MS4 Encl. Switch Disconnecter
Long Description	Encl. Switch Disconnecter, 3-p. 415V AC23 90A, 45kW. 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 parallell 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.

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

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	1SCC340157M0202
Mechanical Drawings	EOTK4S302113S4020.stp

Dimensions

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

Technical

Rated Operational Current AC-22A (I_e)	(380 ... 415 V) 125 A (500 V) 125 A (690 V) 125 A
Rated Operational Current AC-23A (I_e)	(380 ... 415 V) 90 A (500 V) 70 A (690 V) 50 A
Rated Operational Power AC-23A (P_e)	(380 ... 415 V) 45 kW (500 V) 45 kW (690 V) 45 kW
Conventional Thermal Current (I_{the})	Fully Enclosed 125 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 6.3 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 ² Screw Clamp / PE Terminal 10 ... 70 mm ²
Cable Cross-Section	10 ... 70 mm ²
Wire Stripping Length	20 mm
Recommended Screw Driver	Main Circuit Hexagon 4
Cable Entry Position	Top and/or Bottom
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	6417019901381

Classifications

Object Classification Code	Q
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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)

Categories

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

