



PRODUCT-DETAILS

OTP63B3M

OTP63B3M Enclosed Switch Disconnecter



General Information	
Extended Product Type	OTP63B3M
Product ID	1SCA022383R3450
EAN	6417019124971
Catalog Description	OTP63B3M Enclosed Switch Disconnecter
Long Description	Encl. Switch Disconnecter, 3-p. 415V AC23 75A, 37kW. 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. 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.

Material Compliance	
Conflict Minerals Reporting Template (CMRT)	9AKK108467A5658
REACH Declaration	1SCC340076D0201

RoHS Information	1SCC340075D0201
RoHS Status	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
SCIP	b7df2276-e3e6-4f29-b5fa-bd3411e9cba1 Finland (FI)
Simplified SCIP	d8c3c489-1e09-4afb-804b-b3afeb08df92 Germany (DE) f3dfe6dc-b79f-4b79-bb51-6fe509094d96 Bulgaria (BG) b87f0489-4f28-447a-b834-53b74834cb74 Portugal (PT) c9a9b9ac-9868-447a-b1eb-13d527e13ea3 Sweden (SE) 30728015-7ec3-4736-b223-0cad62d77016 Sweden (SE) 1b7b3efa-2ade-4f3f-b26a-5168213d8c3d France (FR) 1b590f47-a3a1-460d-9d1c-097728589624 Germany (DE) b3c48a65-a256-400e-800f-8fa205424a41 Poland (PL) f1252dc1-b1db-4c95-8472-13fa646fe74c Poland (PL) 88d8fb3e-1a43-4866-bfc8-8ef44c407ca8 Belgium (BE) 73816d36-1fcf-4cc1-938e-cb0e107614b3 Italy (IT) 886a14b9-9079-4631-aa59-6beb439c54ad Greece (GR) ce73a217-0d05-420c-9590-cabd98248db3 France (FR) 21e0d7b6-1ae7-4ec1-b343-273e0559cdcf Germany (DE) c3c44a2e-e434-44f1-b85b-641097cee344 Netherlands (NL) 9f71a719-200d-4d79-92a5-4796d7d87185 Spain (ES) bfc5668b-ba18-4d61-90c4-8eb0bce24480 Hungary (HU) b1dca718-ae91-4366-b42b-c58631c74d73 Poland (PL) c34c9832-56e2-4656-8c15-35f7ee4caa7c Norway (NO) cacf0d98-affa-4f75-a2a0-d1f435ebc5aa Estonia (EE) 0ebaf44e-4270-4d5a-8e05-751cc505d0a5 Germany (DE) d7ddf7c8-2b14-4e46-b335-028ac16f0c20 Denmark (DK) a7ccba13-6f77-49db-9267-069d4d432f5f Czech Republic (CZ) fc358543-c27e-4758-b0b3-5d36d6359afc Croatia (HR) b8095fca-3a8d-47aa-9298-7764cc0ff9c4 Germany (DE) ca94317e-5a80-45ab-ab08-bc4f8e858e09 Belgium (BE) cec5b8b0-bbf7-4247-85a6-a1aedeaddad90 Hungary (HU)
Toxic Substances Control Act - TSCA	1SCC340095D0201

Popular Downloads

Data Sheet, Technical Information	1SCC340015C0201
Instructions and Manuals	1SCC340002M0012
Mechanical Drawings	OTPK201490SM32.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	145 mm
Product Net Height	200 mm
Product Net Depth / Length	90 mm
Product Net Weight	0.9 kg

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	6417019124971

Technical

Cable Cross-Section	1.5 ... 35 mm ²
Cable Entry Position	Top and/or Bottom
Cable Outlets Per Side	2xM32+M16 / 2xM32+M16
Connecting Capacity Main Circuit	Screw Clamp 1.5 ... 35 mm ² Screw Clamp / PE Terminal 2pc, 1.5 ... 35 mm ²
Conventional Thermal Current (I_{the})	Fully Enclosed 80 A
Degree of Protection	acc. to IEC 60529 IP65
Enclosure Material	Plastic
Handle Color	Black
Handle Type	Selector handle
Impact Resistance Rating	Housing IK08
Maximum Mounted Auxiliary Contacts	2 NO, 2 NC
Mounted Auxiliary Contacts	0 NO, 0 NC
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 4.5 W
Rated Impulse Withstand Voltage (U_{imp})	1.5 kV
Rated Insulation Voltage (U_i)	acc. to IEC/EN 60664-1 750 V
Rated Operational Current AC-21A (I_e)	(500 V) 80 A (380 ... 415 V) 80 A (690 V) 80 A
Rated Operational Current AC-22A (I_e)	(380 ... 415 V) 80 A (690 V) 80 A
Rated Operational Current AC-23A (I_e)	(380 ... 415 V) 75 A (500 V) 58 A (690 V) 20 A
Rated Operational Power	(380 ... 415 V) 37 kW

AC-23A (P _e)	(500 V) 37 kW (690 V) 18.5 kW
Rated Operational Voltage	Main Circuit 750 V
Rated Short-Circuit Making Capacity (I _{cm})	(690 V AC) 2.1 kA
Rated Short-time Withstand Current Low Voltage (I _{cw})	for 1 s 1.5 kA
Recommended Screw Driver	Main Circuit Pozidriv 2
Standards	IEC 60947-1, -3
Tightening Torque	Main Circuit 2 N·m
Wire Stripping Length	13 mm

Technical UL/CSA

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

Certificates and Declarations

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

External Classifications and Standards

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)
E-Number (Finland)	3640865

Categories

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

