ABB

PRODUCT-DETAILS

OTL32B4M

OTL32B4M Enclosed Switch Disconnector

General Information

Extended Product Type	OTL32B4M
Product ID	1SCA022562R3800
EAN	6417019180199
Catalog Description	OTL32B4M Enclosed Switch Disconnector
Long Description	Encl. Switch Disconnector, 4-p. 415V AC23 23A, 11kW. Steel sheet enclosure. IP65. Black Selector handle. Interlocked cover. Defeatable interlocking. The enclosure of the OTL series is made of rigid alu-zinc coated steel with polyester powder coating. The enclosure has a hinged door, with door lock. The cover is interlocked, and can not be opened when switch is on. The interlock function can be defeated for thermographing. Suitable for outdoor use with respect to exposure to Ultraviolet Light, Water exposure and Immersion in accordance with UL746C. The cable entries are of knock out types. Neutral and PE terminal included.

Circular Value

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

2024/04/15   Subject to change without notice

Toxic Substances Control Act - TSCA	1SCC340095D0201

Ordering

Minimum Order Quantity	1 piece
Customs Tariff Number	85363030
Country of Origin	Bulgaria (BG)

Popular Downloads

Data Sheet, Technical Information	1SCC340015C0201
Instructions and Manuals	1SCC340006M0013
Mechanical Drawings	OTLK201510S25.igs

Dimensions

Product Net Width	150 mm
Product Net Height	200 mm
Product Net Depth / Length	100 mm
Product Net Weight	1.6 kg

Technical

Rated Operational Current AC-21A (I_e)	(500 V) 40 A (380 ... 415 V) 40 A (690 V) 40 A
Rated Operational Current AC-22A (I_e)	(380 ... 415 V) 40 A (690 V) 40 A
Rated Operational Current AC-23A (I_e)	(380 ... 415 V) 23 A (500 V) 23 A (690 V) 12 A
Rated Operational Power AC-23A (P_e)	(380 ... 415 V) 11 kW (500 V) 11 kW (690 V) 11 kW
Conventional Thermal Current (I_{the})	Fully Enclosed 40 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) 0.705 kA
Rated Short-time Withstand Current Low Voltage (I_{cw})	for 1 s 0.5 kA
Power Loss	at Rated Operating Conditions per Pole 1.6 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	Switchable neutral
Connecting Capacity Main Circuit	Screw Clamp 0.75 ... 10 mm² Screw Clamp / PE Terminal 2pc,1.5 ... 25 mm²
Cable Cross-Section	0.75 ... 10 mm²
Wire Stripping Length	10 mm
Recommended Screw Driver	Main Circuit Pozidriv 2
Cable Entry Position	Top and/or Bottom
Cable Outlets Per Side	2xø25.5+ø16.5 / 2xø25.5+ø16.5
Degree of Protection	acc. to IEC 60529 IP65
Impact Resistance Rating	Housing IK09
Enclosure Material	Steel sheet
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 0.8 N·m

Technical UL/CSA

Wire Stripping Length	10 mm
Recommended Screw Driver	Main Circuit Pozidriv 2
Tightening Torque	Main Circuit 0.8 N·m

Environmental

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

Certificates and Declarations

Declaration of Conformity - CE	1SCC340005D2704
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	1.7 kg

Package Level 1 EAN	6417019180199

Classifications

Object Classification Code	Q
ETIM 7	EC000216 - Switch disconnector
ETIM 8	EC000216 - Switch disconnector
ETIM 9	EC000216 - Switch disconnector (low voltage)
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