PRODUCT-DETAILS

OTL16A3B

OTL16A3B Safety switch



General Information

Extended Product Type	OTL16A3B
Product ID	1SCA022575R1630
EAN	6417019185903
Catalog Description	OTL16A3B Safety switch
Long Description	Safety switch, 3-p. 415V AC23 16A, 7.5kW. Mounted auxiliary contact: 1NO0NC. Steel sheet enclosure. IP65. RedYellow 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. PE terminal included.

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	1SCC340095D0201

© 2024 ABB. All rights reserved.

Subject to change without notice

Act - TSCA	

Popular Downloads

Data Sheet, Technical Information	1SCC340015C0201
Instructions and Manuals	1SCC340006M0013
Mechanical Drawings	OTLK201510SBLB.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	Bulgaria (BG)

Dimensions

Product Net Width	150 mm
Product Net Height	200 mm
Product Net Depth / Length	100 mm
Product Net Weight	2.05 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	2.15 kg
Package Level 1 EAN	6417019185903

Technical

Cable Cross-Section	0.75 ... 10 mm²
Cable Entry Position	Bottom/Bottom
Cable Outlets Per Side	Blank / B-flange
Connecting Capacity Main Circuit	Screw Clamp 0.75 ... 10 mm² Screw Clamp / PE Terminal 2pc,1.5 ... 25 mm²
Conventional Thermal Current (I_{the})	Fully Enclosed 40 A
Degree of Protection	acc. to IEC 60529 IP65
Enclosure Material	Steel sheet
Handle Color	Red / Yellow
Handle Type	Selector handle
Impact Resistance Rating	Housing IK09
Maximum Mounted Auxiliary Contacts	2 NO, 2 NC
Mounted Auxiliary	1 NO, 0 NC

© 2024 ABB. All rights reserved.

Contacts	
Neutral Type	No neutral terminal
Number of Auxiliary Contacts NC	0
Number of Auxiliary Contacts NO	1
Number of Poles	3P
Pollution Degree	3
Position of Line Terminals	Top In - Bottom Out
Position of PE Terminals	Top In - Bottom Out
Power Loss	at Rated Operating Conditions per Pole 1.6 W
Rated Insulation Voltage (U_i)	acc. to IEC/EN 60664-1 750 V
Rated Operational Current AC-22A (I_e)	(380 ... 415 V) 32 A (500 V) 32 A (690 V) 32 A
Rated Operational Current AC-23A (I_e)	(380 ... 415 V) 16 A (500 V) 16 A (690 V) 10 A
Rated Operational Power AC-23A (P_e)	(380 ... 415 V) 7.5 kW (500 V) 7.5 kW (690 V) 7.5 kW
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
Recommended Screw Driver	Main Circuit Pozidriv 2
Standards	IEC 60947-1, -3
Tightening Torque	Main Circuit 0.8 N·m
Wire Stripping Length	10 mm

Technical UL/CSA

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

Certificates and Declarations

Declaration of Conformity - CE	1SCC340005D2704

Classifications

Object Classification Code	Q
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)

© 2024 ABB. All rights reserved.

Categories

Low Voltage Products and Systems → Enclosed Switches → Enclosed Safety Switches → Enclosed Safety Switches





© 2024 ABB. All rights reserved.