PRODUCT-DETAILS

OT16ETMM3AE

OT16ETMM3AE EMC safety switch



General Information

Extended Product Type	OT16ETMM3AE
Product ID	1SCA022742R0780
EAN	6417019240435
Catalog Description	OT16ETMM3AE EMC safety switch
Long Description	EMC 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. EMC cable glands to be used. PE terminal included.

Material Compliance

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

© 2025 ABB. All rights reserved.

Subject to change without notice

RoHS Information	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
Toxic Substances Control Act - TSCA	1SCC340095D0201

Popular Downloads

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

Environmental

Degree of Protection	acc. to IEC 60529 IP65
Pollution Degree	3

Ordering

Minimum Order Quantity	1 piece
Customs Tariff Number	85363030
Last Ordering Date	2026-08-31 All Countries
Replacement Product ID (NEW)	OTL16GA3M
Country or Territory of Origin	Bulgaria

Dimensions

Product Net Width	150 mm
Product Net Height	200 mm
Product Net Depth / Length	100 mm
Product Net Weight	1.52 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	1.72 kg
Package Level 1 EAN	6417019240435

Technical

Cable Cross-Section	0.75 ... 10 mm^2
Cable Entry Position	Top and/or Bottom
Cable Outlets Per Side	2xø25.5+ø16.5 / 2xø25.5+ø16.5
Color	RAL7035
Connecting Capacity	Screw Clamp 0.75 ... 10 mm^2

© 2025 ABB. All rights reserved.

Main Circuit	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 Contacts	1 NO, 0 NC
Neutral Type	No Neutral Terminal
Number of Auxiliary Contacts NC	0
Number of Auxiliary Contacts NO	1
Number of Poles	3P
Pollution Degree	3
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
Special Functions	EMC
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	1SCC340002D2703

© 2025 ABB. All rights reserved.

External Classifications and Standards

Object Classification Code	Q
ETIM 9	EC000216 - Switch disconnector (low voltage)
ETIM 10	EC000216 - Switch disconnector (AC)
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 Safety Switches → Enclosed Safety Switches





© 2025 ABB. All rights reserved.