

PRODUCT-DETAILS

# OTR16T3M

## OTR16T3M Safety switch



### General Information

Extended Product Type	OTR16T3M
Product ID	1SCA022613R2780
EAN	6417019199719
Catalog Description	OTR16T3M Safety switch
Long Description	<p>Safety switch, 3-p. 415V AC23 16A, 7.5kW. Mounted auxiliary contact: 1NO0NC. Stainless steel enclosure. IP65. Black Selector handle. Interlocked cover. Defeatable interlocking.</p> <p>The enclosure of the OTR series is made of rigid stainless steel, class AISI304. 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.</p> <p>Suitable for outdoor and indoor use. The cable entries are of knock out types. PE terminal and auxiliary contact included. Can be used in EMC application, if EMC cable glands are used.</p>

### 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

## Dimensions

Product Net Width	150 mm
Product Net Height	200 mm
Product Net Depth / Length	100 mm
Product Net Weight	1.7 kg

## Technical

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
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
Special Functions	EMC
Number of Poles	3
Neutral Type	No neutral terminal
Connecting Capacity Main Circuit	Screw Clamp 0.75 ... 10 mm <sup>2</sup> Screw Clamp / PE Terminal 2pc, 1.5 ... 25 mm <sup>2</sup>
Cable Cross-Section	0.75 ... 10 mm <sup>2</sup>
Cable Entry Position	Up/Down
Cable Outlets Per Side	2x $\emptyset$ 25.5+ $\emptyset$ 16.5 / 2x $\emptyset$ 25.5+ $\emptyset$ 16.5
Degree of Protection	acc. to IEC 60529 IP65
Impact Resistance Rating	Housing IK09
Enclosure Material	Stainless steel
Maximum Mounted Auxiliary Contacts	2 NO, 2 NC
Mounted Auxiliary Contacts	1 NO, 0 NC
Number of Auxiliary Contacts NC	0
Number of Auxiliary Contacts NO	1
Position of PE Terminals	Top In - Bottom Out
Tightening Torque	Main Circuit 0.8 N·m

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## Technical UL/CSA

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Tightening Torque	Main Circuit 0.8 N·m
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## Environmental

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RoHS Status	Following EU Directive 2011/65/EU
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## Certificates and Declarations (Document Number)

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Declaration of Conformity - CE	1SCC340006D2704
Instructions and Manuals	1SCC340006M0013
REACH Declaration	1SCC340076D0201
RoHS Information	1SCC340075D0201

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## Container Information

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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	1.8 kg
Package Level 1 EAN	6417019199719

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## Classifications

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Object Classification Code	Q
ETIM 5	EC000216 - Switch disconnecter
ETIM 6	EC000216 - Switch disconnecter
ETIM 7	EC000216 - Switch disconnecter
ETIM 8	EC000216 - Switch disconnecter
eClass	V11.1 : 27371403
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
E-Number (Finland)	3640416
E-Number (Norway)	1428920
E-Number (Sweden)	3134883

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## Categories

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

