PRODUCT-DETAILS

OTL90A3U

OTL90A3U Safety switch



General Information

Extended Product Type	OTL90A3U
Product ID	1SCA022707R7790
EAN	6417019225265
Catalog Description	OTL90A3U Safety switch
Long Description	Safety switch, 3-p. 415V AC23 90A, 45kW. Mounted auxiliary contact: 1NO0NC. Steel sheet enclosure. IP65. RedYellow Pistol 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. Cable entries to be drilled. PE terminal included.

Material Compliance

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

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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	OTLK302013PBL.stp

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)	OTL80GA3M
Country or Territory of Origin	Bulgaria

Dimensions

Product Net Width	200 mm
Product Net Height	300 mm
Product Net Depth / Length	135 mm
Product Net Weight	3.1 kg

Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	212 mm
Package Level 1 Depth / Length	313 mm
Package Level 1 Height	191 mm
Package Level 1 Gross Weight	3.3 kg
Package Level 1 EAN	6417019225265

Technical

Cable Cross-Section	10 ... 70 mm^2
Cable Entry Position	Top and/or Bottom
Cable Outlets Per Side	Blank /Blank
Color	RAL7035
Connecting Capacity	Screw Clamp 10 ... 70 mm^2

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Main Circuit	Screw Clamp / PE Terminal 2pc,10 ... 70 mm²
Conventional Thermal Current (I_{the})	Fully Enclosed 125 A
Degree of Protection	acc. to IEC 60529 IP65
Enclosure Material	Steel sheet
Handle Color	Red / Yellow
Handle Type	Pistol 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 6.3 W
Rated Insulation Voltage (U_i)	acc. to IEC/EN 60664-1 750 V
Rated Operational Current AC-22A (I_e)	(380 ... 415 V) 125 A (500 V) 125 A (690 V) 125 A
Rated Operational Current AC-23A (I_e)	(380 ... 415 V) 90 A (500 V) 70 A (690 V) 50 A
Rated Operational Power AC-23A (P_e)	(380 ... 415 V) 45 kW (500 V) 45 kW (690 V) 45 kW
Rated Operational Voltage	Main Circuit 750 V
Rated Short-Circuit Making Capacity (I_{cm})	(690 V AC) 3.6 kA
Rated Short-time Withstand Current Low Voltage (I_{cw})	for 1 s 2.5 kA
Recommended Screw Driver	Main Circuit Hexagon 4
Standards	IEC 60947-1, -3
Tightening Torque	Main Circuit 6 N·m
Wire Stripping Length	20 mm

Technical UL/CSA

Wire Stripping Length	20 mm
Recommended Screw Driver	Main Circuit Hexagon 4
Tightening Torque	Main Circuit 6 N·m

Certificates and Declarations

Declaration of Conformity - CE	1SCC340005D2704

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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





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