



Electric Automation

Automation specialists

Reference: LS45M71L02 Code: 1SBV013171R1302

LS45M71L02 Limit Switch

Buy it at Electric Automation Network



LS45M71L02 Limit Switch

Ordering

EAN:	3471522614308
Minimum Order Quantity:	5 piece
Customs Tariff Number:	85369085

Dimensions

Product Net Width:	40 mm
Product Net Weight:	0.285 kg

Container Information

Package Level 1 Units:	1 piece
Package Level 1 Width:	200 mm
Package Level 1 Height:	70 mm
Package Level 1 Length:	45 mm
Package Level 1 Gross Weight:	0.285 kg
Package Level 1 EAN:	3471522614308

Environmental

Resistance to Shock acc. to IEC 60068-2-27:	Half-sine Pulse for 11 ms, No Change in Contact Position 50 $\mbox{m/s}^2$
Resistance to Vibrations acc. to IEC 60068-2-6:	25g (10 to 500 Hz) no change in position of contacts greater than 100 μs

Technical UL/CSA

Pilot Duty of Contact Elements acc. UL508:	A600 Q600		
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Additional Information

Action Type of the Contact Element (acc. to IECSimultaneous slow action contactsActuation Speed:acc. to IEC 60947-5-1Max. 1.50 m/s acc. to IEC 60947-5-1Max. 0.06 m/sActuation Torque:acc. to IEC 60947-5-1Max. 0.06 m/sActuator Type:addjustable 0 3 mm stainless steel rod leverAngular Head Adjustment:addjustable head every 90°Clinatic Withstant:9° in 9°Clinatic Withstand:according to IEC 66-2-3 and salty mist according to IECConnecting Capacity:AWG 20 AWG 14 0.5 2.5 mm²Connecting Capacity:0.05 mmContact Element Form (acc. to IEC 60947-5-1)ZbContact Element Form (acc. to IEC 60947-5-1)ZbContact Element Form (acc. to IEC 60947-5-1)ZbContact Element Form (acc. to IEC 60947-5-1)CbEletrical Shock Protection acc. to IEC 536:Cass IIT Publishing Status:Level 0 - Information enabledLad Factor:5Maximum Electrical Switching Frequency:3600 cycles per hourMounting by Screws (not supplied):2 or 4 x MS screwsMounting Position:II positions are authorisedMounting Position:12 NPT cable glandNumber of Auxiliary Contacts NC:2Operating Head Shape:D shape acc. EN 50041Positive Opening Operation of NC Contact(s):No		
Actuation Speed:acc. to IEC 60947.5-1Min. 0.06 m/sActuation Torque:acc. to IEC 60947.5-1Min. 0.15 N-mActuator Type:addjustable Ø 3 mm stainless steel rod leverAngular Head Adjustment:adjustable head every 90°Angular Lever Adjustment:g° in 9°Climatic Withstand:according to IEC 68-2-3 and salty mist according to IEC 68-2-11Connecting Capacity:AWG 20 AWG 14 0.5 2.5 mm'Connecting Capacity:0.05 mmConnecting terminals (delivered in open position):M3.5 (+,-) pozidriv 2 screw with cable clampConsistency (Measured over 1 Million Operations):0.05 mmContact Element Form (acc. to IEC 60947-5-1):ZbConventional Free-air Thermal Current (Im):acc. to IEC 60947-5-1, q = 40 °C 10.0 ADegree of Protection:acc. to IEC 60929 IP66Electrical Shock Protection acc. to IEC 536:Class IITT Publishing Status:Level 0 - Information enabledLoad Factor:.5Maximum Electrical Switching Frequency:3600 cycles per hourMounting Position:all positions are authorisedMounting Position:all positions are authorisedMounting Position:1/2 NPT cable glandNumber of Auxiliary Contacts NC:2Qierating Head Shape:D shape acc. EN 50041		Simultaneous slow action contacts
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Angular Lever Adjustment:9° in 9°Angular Lever Adjustment:9° in 9°Climatic Withstand:according to IEC 68-2-3 and salty mist according to IEC 68-2-3 lnConnecting Capacity:AWG 20 AWG 14 0.5 2.5 mm²Connecting terminals (delivered in open position):M3.5 (+,-) pozidriv 2 screw with cable clampConsistency (Measured over 1 Million Operations):0.05 mmContact Element Form (acc. to IEC 60947-5-1):ZbConventional Free-air Thermal Current (Ith):acc. to IEC 60947-5-1, q = 40 °C 10.0 ADegree of Protection:acc. to IEC 60529 IP66Electrical Shock Protection acc. to IEC 536:Class IIIT Publishing Status:Level 0 - Information enabledLoad Factor:.5Maximum Electrical Switching Frequency:3600 cycles per hourMounting by Screws (not supplied):2 or 4 x MS screwsMounting Position:all positions are authorisedNumber of Auxiliary Contacts NC:2Qoperating Head Shape:D shape acc. EN 50041Positive Opening Operation of NC Contact(s):No	Actuator Type:	addjustable Ø 3 mm stainless steel rod lever
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Note that the second	IIT Publishing Status:	Level 0 - Information enabled
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Operating Head Shape: D shape acc. EN 50041 Positive Opening Operation of NC Contact(s): No	Number and Type of Bottom Cable Glands:	1/2 NPT cable gland
Positive Opening Operation of NC Contact(s): No	Number of Auxiliary Contacts NC:	2
	Operating Head Shape:	D shape acc. EN 50041
Product Main Type: LS40	Positive Opening Operation of NC Contact(s):	No
	Product Main Type:	LS40

Product Name:	Limit Switch
Rated Frequency (f):	Supply Circuit 50 Hz Supply Circuit 60 Hz
Rated Impulse Withstand Voltage (U _{imp}):	6 kV
Rated Insulation Voltage (U _i):	acc. to IEC 60947-5-1 and VDE 0110 (Gr. C) 690 V acc. to UL/CSA 600 V
Rated Operational Current AC-15 (I _e):	(130 V) 5.5 A (230 V) 3.1 A (240 V) 3 A (24 V) 10 A (400 V) 1.8 A
Rated Operational Current DC-13 (I _e):	(110 V) 0.6 / 66 A (24 V) 2.8 / 67.2 A (250 V) 0.27 / 67.5 A
Resistance Between Contacts:	25 mΩ
Standards:	IEC 60947-1, IEC 60947-5-1, EN 60947-1, EN 60947-5-1, UL 508 and CSA C22-2 N°14
Terminal for Protective Conductor:	M 3.5 (+,-) pozidriv 2 screw with cable clamp
Terminal Marking:	according to EN 50013

Certificates and Declarations (Document Number)

Data Sheet, Technical Information:	AC1300
Declaration of Conformity - CE:	1SBD250881C2000

Classifications

ETIM 4:	EC001829 - Position switch modular
ETIM 5:	EC001829 - Position switch modular