Reference: LS45P53B02
Code: 1SBV012453R1202

LS45P53B02 Limit Switch

Buy it at Electric Automation Network

LS45P53B02 Limit Switch

Ordering

EAN:	3471522612069
Minimum Order Quantity:	5 piece
Customs Tariff Number:	85369085

Dimensions

Product Net Width:	40 mm
Product Net Weight:	0.200 kg

Container Information

Package Level 1 Units:	1 piece
Package Level 1 Width:	140 mm
Package Level 1 Height:	70 mm
Package Level 1 Length:	45 mm
Package Level 1 Gross Weight:	0.2 kg
Package Level 1 EAN:	3471522612069

Environmental

Ambient Air Temperature:	Operation -25 … +70 °C Storage -30 … +80 °C

Resistance to Shock acc. to IEC 60068-2-27:	Half-sine Pulse for 11 ms, No Change in Contact Position 50 m/s²
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
Flammability According to UL94:	V0

Additional Information

Action Type of the Contact Element (acc. to IEC 60947-5-1):	snap action contacts
Actuation Speed:	acc. to IEC 60947-5-1Max. 1.50 m/s acc. to IEC 60947-5-1Min. 0.00 m/s
Actuation Torque:	acc. to IEC 60947-5-1Min. 0.15 N·m
Actuator Type:	adjustable Ø 22 mm steel ball-bearing roller lever
Angular Head Adjustment:	adjustable head every 90°
Angular Lever Adjustment:	9° in 9°
Climatic Withstand:	according to IEC 68-2-3 and salty mist according to IEC 68-2-11
Connecting Capacity:	AWG 20 ... AWG 14 0.5 ... 2.5 mm²
Connecting terminals (delivered in open position):	M3.5 (+,-) pozidriv 2 screw with cable clamp
Consistency (Measured over 1 Million Operations):	0.1 mm
Contact Element Form (acc. to IEC 60947-5-1):	Zb
Conventional Free-air Thermal Current (I_{th}):	acc. to IEC 60947-5-1, q = 40 °C 10.0 A
Degree of Protection:	acc. to IEC 60529 IP65
Electrical Shock Protection acc. to IEC 536:	Double insulation - Class II
IIT Publishing Status:	Level 0 - Information enabled
Load Factor:	.5
Maximum Electrical Switching Frequency:	3600 cycles per hour
Mounting by Screws (not supplied):	2 or 4 x M5 screws
Mounting Position:	all positions are authorised
Movement to be Detected:	30° Cam Translation Movement
Number and Type of Bottom Cable Glands:	1/2 NPT cable gland
Number of Auxiliary Contacts NC:	2
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 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