

PRODUCT-DETAILS

# LS31P31B11

## LS31P31B11 Limit Switch



### Informations générales

Extension du type de produit	LS31P31B11
Code de produit	1SBV010131R1211
EAN	3471522000552
Description courte	LS31P31B11 Limit Switch
Description longue	LS31P31B11 is a 30 mm wide, standard Limit Switch made of fiber-glass reinforced UL-V0 material, with 2 mounting holes at the top, 1 Pg11 cable entry on the bottom, plastic roller lever (Ø12,5 mm) on steel plunger actuator for horizontal movement and 1 N.O + 1 N.C snap action (Zb type) contacts

### Commande

Quantité minimum	10 pièce
Code douanier	85364900

### Downloads Préférés

Fiche produit, informations techniques	1SBC141157C0202
Instructions et manuels	1SBC141157C0202

### Dimensions

Produit Largeur Net	30 mm
Produit Hauteur Net	92 mm
Produit Longueur Net	30 mm
Poids net	0.068 kg

## Technique

Action Type of the Contact Element (acc. to IEC 60947-5-1)	Snap action contacts
Actuating Force	Minimum Force acc. to IEC 60947-5-1 7 N
Actuation Speed	acc. to IEC 60947-5-1 Max. 1 m/s acc. to IEC 60947-5-1 Min. 0 m/s
Actuator Type	plastic roller lever on steel plunger
Angular Head Adjustment	adjustable head every 90°
Angular Lever Adjustment	none
B10d Value	Operations 30 Millions
Climatic Withstand	according to IEC 68-2-3 and salty mist according to IEC 68-2-11
Courant thermique conventionnel à l'air libre ( $I_{th}$ )	acc. to IEC 60947-5-1, $\Theta = 40\text{ °C}$ 10 A
Connecting Capacity	Bar AWG 20 ... AWG 14 mm <sup>2</sup> Bar 0.5 ... 2.5 mm <sup>2</sup>
Consistency (Measured over 1 Million Operations)	0.1 mm
Contact Element Form (acc. to IEC 60947-5-1)	Zb
Connecting Terminals (delivered in open position)	M3.5 (+,-) pozidriv 2 screw with cable clamp
Indice de protection	acc. to IEC 60529 IP65
Electrical Shock Protection acc. to IEC 536	Double insulation - Class II
Flammability According to UL94	V-0
Maximum Electrical Switching Frequency	3600 cycles per hour (AC-15) 3600 cycles per hour (DC-13) 3600 cycles per hour
Durabilite mecanique	0 cycle
Mounting by Screws (not supplied)	2 x M4 screws
Movement to be Detected	30° Unidirectional Cam Translation Movement
Number of Auxiliary Contacts NC	1
Number of Auxiliary Contacts NO	1
Number and Type of Bottom Cable Glands	Pg 11 cable gland
Operating Head Shape	E shape acc. EN 50047
Pilot Duty UL/CSA	A600 Q600
Positive Opening Operation Force (Direct Opening Action)	Minimum Force acc. to IEC 60947-5-1 24 NEW
Positive Opening Operation of NC Contact (s)	Oui
Tension assignée de tenue aux chocs ( $U_{imp}$ )	6 kV
Courant assignée	(230 V AC) 3.1 A

d'emploi AC-15 ( $I_e$ )	(400 V) NC 4 (24 V) 10 A (130 V) 5.5 A (240 V) 3 A
Fréquence assignée (f)	Supply Circuit 50 / 60 Hz
Tension assignée d'isolement ( $U_i$ )	acc. to IEC 60947-5-1 and VDE 0110 (Gr. C) 500 V acc. to UL/CSA 600 V
Courant assignée d'emploi DC-13 ( $I_e$ )	(24 V) 6 A (110 V) 0.6 A (125 V) 0.55 A (250 V) 0.4 A
Resistance Between Contacts	25 E45
Dispositif de protection contre les courts-circuits	gG Type Fuses 10 A
Terminal Marking	according to EN 50013

## Environnement

Température de l'air ambiant	Operation -25 ... +70 °C Storage -30 ... +80 °C
REACH Declaration	1SBD251097E1000
Résistance aux chocs selon CEI 60068-2-27	Half-sine Pulse for 11 ms, No Change in Contact Position 50 m/s <sup>2</sup>
Resistance to Vibrations acc. to IEC 60068-2-6	25g (10 to 500 Hz) no change in position of contacts greater than 100 μs
Informations RoHS	1SBD251097E1000
Statut RoHS	Following EU Directive 2011/65/EU

## Certificats et Déclarations (Numéro de document)

CQC Certificate	CQC2004010305127663
Certificat cUL	9AKK107991A7379
Declaration of Conformity - CCC	2020980305001785
Déclaration de Conformité - CE	1SBD250883U1000
Declaration of Conformity - UKCA	1SBD250886U1000

## Emballage

Emballage Niveau 1 Unités	box 1 pièce
Emballage Niveau 1 Largeur	35 mm
Emballage Niveau 1 Longueur	32 mm
Emballage Niveau 1 Hauteur	95 mm
Emballage Niveau 1 Poids	0.078 kg
Emballage Niveau 1 EAN	3471522000552

## Classifications

ETIM 6	EC000030 - interrupteur à position individuelle
ETIM 7	EC000030 - End switch

ETIM 8	EC000030 - End switch
eClass	V11.1 : 27270601
UNSPSC	39122213
Code de catégorie granulaire IDÉA (IGCC)	5202 >> Limit switch

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## Catégories

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Produits basse tension → Produits de Contrôle, Protection et sécurité machines → Capteurs → Interrupteurs de position

