

PRODUCT-DETAILS

LS31P91B11

LS31P91B11 Limit Switch



Informations générales

Extension du type de produit	LS31P91B11
Code de produit	1SBV010191R1211
EAN	3471522001214
Description courte	LS31P91B11 Limit Switch
Description longue	LS31P91B11 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, multidirectional stainless steel spring actuator with rigid end 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	188 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
Actuation Speed	acc. to IEC 60947-5-1 Max. 1 m/s acc. to IEC 60947-5-1 Min. 0 m/s
Actuation Torque	acc. to IEC 60947-5-1 Min. 0.12 N·m
Actuator Type	spring rod
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 ² Bar 0.5 ... 2.5 mm ²
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	Multidirectional 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
Pilot Duty UL/CSA	A600 Q600
Positive Opening Operation of NC Contact (s)	Non
Tension assignée de tenue aux chocs (U_{imp})	6 kV
Courant assignée d'emploi AC-15 (I_e)	(230 V AC) 3.1 A (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 _g)	(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 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
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	202 mm
Emballage Niveau 1 Poids	0.086 kg
Emballage Niveau 1 EAN	3471522001214

Classifications

ETIM 6	EC000030 - interrupteur à position individuelle
ETIM 7	EC000030 - End switch
ETIM 8	EC000030 - End switch
eClass	V11.1 : 27270601
UNSPSC	39121500

Catégories

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

