

PRODUCT-DETAILS

LS31P51B11

LS31P51B11 Limit Switch



Informations générales

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|------------------------------|---|
| Extension du type de produit | LS31P51B11 |
| Code de produit | 1SBV010151R1211 |
| EAN | 3471522000972 |
| Description courte | LS31P51B11 Limit Switch |
| Description longue | LS31P51B11 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, adjustable plastic roller lever (Ø18 mm) actuator and 1 N.O + 1 N.C snap action (Zb type) contacts |

Commande

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|------------------|----------|
| Quantité minimum | 10 pièce |
| Code douanier | 85364900 |

Downloads Préférés

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

Dimensions

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|----------------------|----------|
| Produit Largeur Net | 30 mm |
| Produit Hauteur Net | 98.5 mm |
| Produit Longueur Net | 45.5 mm |
| Poids net | 0.092 kg |

Technique

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| Action Type of the Contact Element (acc. to IEC 60947-5-1) | Snap action contacts |
| Actuation Speed | acc. to IEC 60947-5-1 Max. 1.5 m/s acc. to IEC 60947-5-1 Min. 0 m/s |
| Actuation Torque | acc. to IEC 60947-5-1 Min. 0.1 N·m |
| Actuator Type | adjustable Ø 18 mm polyamide roller lever |
| Angular Head Adjustment | adjustable head every 90° |
| Angular Lever Adjustment | 10° in 10° |
| 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 | 30° 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 |
| 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

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| 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

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| 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)

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

Emballage

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|-----------------------------|---------------|
| Emballage Niveau 1 Unités | box 1 pièce |
| Emballage Niveau 1 Largeur | 54 mm |
| Emballage Niveau 1 Longueur | 32 mm |
| Emballage Niveau 1 Hauteur | 118 mm |
| Emballage Niveau 1 Poids | 0.106 kg |
| Emballage Niveau 1 EAN | 3471522000972 |

Classifications

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|-------------------|---|
| 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 | 5202 >> Limit switch |

granulaire IDEA (IGCC)

Catégories

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

