

PRODUCT-DETAILS

LS45M11B11

LS45M11B11 Limit Switch



Informations générales

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|------------------------------|--|
| Extension du type de produit | LS45M11B11 |
| Code de produit | 1SBV013111R1211 |
| EAN | 3471522612595 |
| Description courte | LS45M11B11 Limit Switch |
| Description longue | LS45M11B11 is a 40 mm wide, standard reinforced Limit Switch made of zinc alloy material (Zamak), with 4 mounting holes at the top and bottom, 1 1/2" NPT cable entry on the bottom, plain stainless steel plunger actuator and 1 N.O + 1 N.C snap action (Zb type) contacts |

Commande

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| Quantité minimum | 1 pièce |
| Code douanier | 85364900 |

Downloads Préférés

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| Fiche produit, informations techniques | 1SBC141160C0201 |
| Instructions et manuels | 1SBC141160C0201 |

Dimensions

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| Produit Largeur Net | 40 mm |
| Produit Hauteur Net | 107 mm |
| Produit Longueur Net | 44 mm |
| Poids net | 0.222 kg |

Technique

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| 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 22 N |
| Actuation Speed | acc. to IEC 60947-5-1 Max. 0.5 m/s |
| Actuator Type | stainless steel plain plunger |
| Angular Head Adjustment | adjustable head every 90° |
| Angular Lever Adjustment | none |
| B10d Value | Operations 50 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) | 0.05 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 IP66 |
| Electrical Shock Protection acc. to IEC 536 | Class I |
| Qualité du matériau | Metal |
| Maximum Electrical Switching Frequency | 3600 cycles per hour (AC-15) 3600 cycles per hour (DC-13) 3600 cycles per hour |
| Maximum Mounted Auxiliary Contacts | 1 NO, 1 NC |
| Durabilité mécanique | 0 cycle |
| Type de montage | 40 mm (EN 50041) |
| Mounting by Screws (not supplied) | 2 or 4 x M5 screws |
| Movement to be Detected | on end |
| Number of Auxiliary Contacts NC | 1 |
| Number of Auxiliary Contacts NO | 1 |
| Number and Type of Bottom Cable Glands | 1/2 NPT cable gland |
| Operating Head Shape | B shape acc. EN 50041 |

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| Pilot Duty UL/CSA | A600 Q600 |
| Positive Opening Operation Force (Direct Opening Action) | Minimum Force acc. to IEC 60947-5-1 66 NEW |
| Positive Opening Operation of NC Contact (s) | Oui |
| Tension assignée de tenue aux chocs (U_{imp}) | 6 kV |
| Courant assignée d' emploi AC-15 (I_g) | (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 |
| Terminal for Protective Conductor | M 3.5 (+,-) pozidriv 2 screw with cable clamp |

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 μ s |
| 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 | 45 mm |
| Emballage Niveau 1 Longueur | 47 mm |
| Emballage Niveau 1 Hauteur | 130 mm |
| Emballage Niveau 1 Poids | 0.24 kg |
| Emballage Niveau 1 EAN | 3471522612595 |

Classifications

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| Code de classification d'objet | B |
| ETIM 6 | EC000030 - interrupteur à position individuelle |
| ETIM 7 | EC000030 - End switch |
| ETIM 8 | EC000030 - End switch |
| eClass | V11.0 : 27272601 |
| UNSPSC | 39122213 |
| Code de catégorie granulaire IDEA (IGCC) | 5202 >> Limit switch |

Catégories

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

