

Product data sheet

Characteristics

XCS3918G13

Safety limit switch, Telemecanique Safety switches XCS, metal, rotary lever, 2 NC + 1 NO, 1 entry tapped Pg 13.5



Product availability: Non-Stock - Not normally stocked in distribution facility

Price*: 69.00 USD



Main

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|-------------------------------|--|
| Range of Product | Telemecanique Safety switches XCS |
| Product or Component Type | Safety limit switch |
| Component name | XCS3 |
| Design | Compact |
| Material | Metal |
| Head type | Rotary head |
| Protection technology | Plastic protective cover, secured by 5-lobe socket head safety screw |
| Type of operator | Thermoplastic roller lever |
| Contacts type and composition | 1 NC + 1 NC + 1 NO |
| Contact operation | Snap action |
| Cable entry | 1 entry tapped Pg 13.5 |

Complementary

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| Electrical Connection | Terminal |
| Clamping Connection Capacity | 1 x 0.34...2 x 0.75 mm ² |
| Switch actuation | By 30° cam |
| Number of poles | 3 |
| Positive opening | With NC contact |
| Mechanical durability | 10000000 Cycles |
| Minimum torque for tripping | 0.89 Lbf.In (0.1 N.m) |
| Positive opening minimum torque | 2.21 Lbf.In (0.25 N.m) |
| Maximum actuation speed | 4.92 Ft/S (1.5 m/s) |
| Contact code designation | B300, AC-15 (Ue = 240 V, Ie = 1.5 A)EN/IEC 60947-5-1 appendix A R300, DC-13 (Ue = 250 V, Ie = 0.1 A)EN/IEC 60947-5-1 appendix A |
| [Ithe] conventional enclosed thermal current | 6 A |
| [Ui] rated insulation voltage | 300 VUL 508 400 V 3)EN/IEC 60947-1 300 VCSA C22.2 No 14 |

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| [Uimp] rated impulse withstand voltage | 4 KV EN/IEC 60947-1 4 KV IEC 60664 |
| Maximum resistance across terminals | 25 MOhm conforming to IEC 60255-7 category 3 |
| Short-circuit protection | 6 A cartridge fuse gG (gl) |
| Repeat accuracy | 0.1 mm on tripping points, 1 million operating cycles for head with end plunger |
| Body Material | Zamak |
| Head material | Zamak |
| Enclosure Material | Plastic |
| Maximum Depth | 1.38 In (35 mm) |
| Maximum Height | 4.80 In (122 mm) |
| Maximum Width | 1.34 In (34 mm) |
| Net Weight | 0.56 Lb(US) (0.255 kg) |

Environment

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| Standards | EN/IEC 60947-5-1 EN/IEC 60204-1 EN 1088/ISO 14119 CSA C22.2 No 14 UL 508 |
| Product Certifications | CSA UL |
| Safety level | Can reach category 4 with the appropriate monitoring system and correctly wired conforming to EN/ISO 13849-1 Can reach PL = e with the appropriate monitoring system and correctly wired conforming to EN/ISO 13849-1 Can reach SIL 3 with the appropriate monitoring system and correctly-wired IEC 61508 |
| Safety reliability data | B10d = 50000000 value given for a life time of 20 years limited by mechanical or contact wear |
| Protective treatment | TC |
| Ambient Air Temperature for Operation | -13...158 °F (-25...70 °C) |
| Ambient Air Temperature for Storage | -40...158 °F (-40...70 °C) |
| Vibration resistance | 25 gn 10...500 Hz)IEC 60068-2-6 |
| Shock resistance | 50 gn 11 ms IEC 60068-2-27 |
| Electrical shock protection class | Class I NF C 20-030 Class I conforming to EN/IEC 61140 |
| IP degree of protection | IP66 conforming to IEC 60529 IP67 conforming to IEC 60529 |
| IK degree of protection | IK06 conforming to EN 50102 |

Ordering and shipping details

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| Category | 22411 - LIMIT SWITCHES,IEC,XCKJ |
| Discount Schedule | T |
| GTIN | 03389110240733 |
| Nbr. of units in pkg. | 1 |
| Package weight(Lbs) | 8.47 Oz (240 g) |
| Returnability | No |
| Country of origin | FR |

Packing Units

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|------------------------------|------------------|
| Unit Type of Package 1 | PCE |
| Package 1 Height | 1.30 In (3.3 cm) |
| Package 1 width | 1.97 In (5 cm) |
| Package 1 Length | 5.12 In (13 cm) |
| Unit Type of Package 2 | S01 |
| Number of Units in Package 2 | 6 |

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|------------------|------------------------|
| Package 2 Weight | 3.85 Lb(US) (1.747 kg) |
| Package 2 Height | 5.91 In (15 cm) |
| Package 2 width | 5.91 In (15 cm) |
| Package 2 Length | 15.75 In (40 cm) |

Offer Sustainability

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| Sustainable offer status | Green Premium product |
| California proposition 65 | WARNING: This product can expose you to chemicals including: Diisooxy phthalate (DINP), which is known to the State of California to cause cancer, and Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov |
| REACH Regulation |  REACH Declaration |
| EU RoHS Directive | Pro-active compliance (Product out of EU RoHS legal scope)  EU RoHS Declaration |
| Mercury free | Yes |
| RoHS exemption information |  Yes |
| Environmental Disclosure |  Product Environmental Profile |

Contractual warranty

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| Warranty | 18 months |
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Product Life Status : **Commercialised**