



Product data sheet

HXCKD001

Characteristics

Limit switch, HXCKD, plunger type



Main

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|-------------------------------|---|
| Range of product | HXCKD |
| Series name | HXC |
| Product or component type | Limit switch |
| Body type | Fixed |
| Body material | Metal |
| Head material | Stainless steel |
| Fixing mode | By the body |
| Movement of operating head | Linear |
| Type of operator | Plunger |
| Cable entry | 3 entries tapped for Pg 11.5 cable gland, cable outer diameter: 9...12 mm |
| Number of poles | 4 |
| Contacts type and composition | 2 x (1 NC + 1 NO) |
| Contact operation | Snap action |

Complementary

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| Device presentation | Complete product |
| Switch actuation | On end |
| Electrical connection | Screw clamp terminals, clamping capacity: 1 x 0.34...2 x 1.5 mm ² |
| Maximum force for tripping | 8 N |
| Minimum release force | 4 N |
| Maximum pre-travel | 1.8 mm |
| Minimum over travel | 4 mm |
| Maximum movement differential | 1.2 mm |
| Tripping point | 2.0 mm |
| Maximum actuation speed | 0.5 m/s |
| Repeat accuracy | 0.1 mm on the tripping points with 1 million operating cycles |
| Maximum operating rate | 30 cyc/mn |
| [Ithe] conventional enclosed thermal current | 10 A AC |
| [Ui] rated insulation voltage | 380 V conforming to IEC 60947-5-1 |
| Maximum resistance across terminals | 25 MOhm conforming to IEC 60255-7 category 3 |
| [Uimp] rated impulse withstand voltage | 2.5 kV conforming to IEC 60947-1 |
| Electrical durability | 500000 cycles |

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|-------------------------------|------------------------|
| Terminals description ISO n°1 | (13-14)NO (11-12)NC |
| IP degree of protection | IP66 |
| Height | 33 mm |
| Width | 113 mm |
| Depth | 62 mm |
| Product weight | 0.193 kg |

Environment

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|---------------------------------------|---|
| Vibration resistance | 1.5 mm double amplitude (f= 10...55 Hz) |
| Ambient air temperature for operation | -25...70 °C |
| Ambient air temperature for storage | -40...70 °C |
| Product certifications | CE |
| Standards | EN 60947-5-1 |

Packing Units

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|------------------------------|-----|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |

Offer Sustainability

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| Sustainable packaging | No |
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