

Product data sheet

HXCKD001

Characteristics

Limit switch, HXCKD, plunger type



Main

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

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

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
Net weight	0.193 kg

Environment

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

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