

## Product data sheet

## HXCKP103

### Characteristics

### Limit switch, HXCKP, vertical roller plunger type



#### Main

Range of product	HXCKP
Series name	HXC
Product or component type	Limit switch
Body type	Fixed
Body material	Plastic
Head material	Stainless steel
Fixing mode	By the body
Movement of operating head	Rotary
Type of operator	Roller plunger with vertical roller
Cable entry	3 entries tapped for Pg 13.5 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 <sup>2</sup>
Maximum force for tripping	7 N
Minimum release force	2 N
Maximum pre-travel	1.8 mm
Minimum over travel	3.7 mm
Maximum movement differential	1.2 mm
Tripping point	2 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	IP65
Height	32 mm
Width	131 mm
Depth	47 mm
Product weight	0.062 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

### Offer Sustainability

Sustainable packaging	No
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