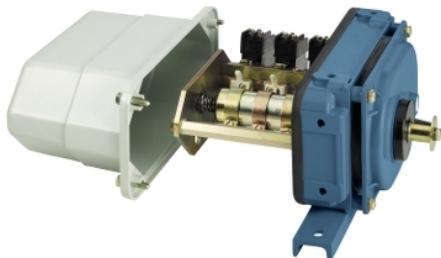


Product data sheet

Characteristics

XR2AA03K3

Single stage heavy duty screw limit switch, XR and XF, XR2, 3C/O, aluminium alloy housing



Main

Range of Product	XR and XF
Product or Component Type	Single-stage heavy duty screw limit switch
Device short name	XR2
Product Specific Application	Liquid level control in pumping systems Position control of moving parts of hoisting or materials handling equipment
Material	Aluminium alloy body housing Plastic Cover
Type of operator	Drive shaft, end fittings with sprocket key and washer
Maximum revolution speed	75 rpm input drive shaft
Theoretical number of turns	3 input drive shaft
Number of poles	1

Complementary

Mechanical durability	10000000 cycles
Maximum number of turns	6 threaded shaft
Threaded shaft screw pitch	0.16 in (4 mm)
Operating finger radius	1.57 in (40 mm)
Length of developed helical travel	0.16 in (4 mm)
Differential snap over angle	30 ° contact actuators measured at finger
Repeat accuracy	0.02 % on the tripping point
Number of teeth	16 pinion B) 26 pinion C) 49 pinion D) 59 pinion A)
Actual number of turns	3.066 input drive shaft)
Contacts type and composition	3 C/O
Contact operation	Snap action
[Ie] rated operational current	A300, AC-15, Ue = 240 V, Ie = 3 A EN/IEC 60947-5-1 Q300, DC-13, Ue = 250 V, Ie = 0.27 A EN/IEC 60947-5-1
[Ithe] conventional enclosed thermal current	10 A
[Ui] rated insulation voltage	500 V EN/IEC 60947-1 600 V CSA C22.2 No 14
[Uimp] rated impulse withstand voltage	6 kV EN/IEC 60947-1
Maximum resistance across terminals	25 MΩ
Short-circuit protection	10 A cartridge fuse gG
Connections - terminals	Screw clamp terminals, 2 x 1.5 mm² with or without cable end Screw clamp terminals, 2 x 2.5 mm² without cable end

Cable entry	2 entries tapped for Pg 13 cable gland 0.35...0.47 in (9...12 mm)
Net Weight	13.23 lb(US) (6 kg)

Environment

Standards	EN/IEC 60947-5-1
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)
Shock resistance	50 gn 11 ms
Vibration resistance	> 5 gn 10...55 Hz
IP degree of protection	IP54 EN/IEC 60529

Ordering and shipping details

Category	22449-LIMIT SWITCHES,ACCESSORIES
Discount Schedule	T
GTIN	3389110600520
Nbr. of units in pkg.	1
Package weight(Lbs)	18.00 lb(US) (8.163 kg)
Returnability	No
Country of origin	FR

Packing Units

Unit Type of Package 1	PCE
Package 1 Height	10.63 in (27 cm)
Package 1 width	13.39 in (34 cm)
Package 1 Length	16.93 in (43 cm)

Offer Sustainability

California proposition 65	WARNING: This product can expose you to chemicals including: Diisobutyl 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	Not applicable, out of EU RoHS legal scope

Contractual warranty

Warranty	18 months
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