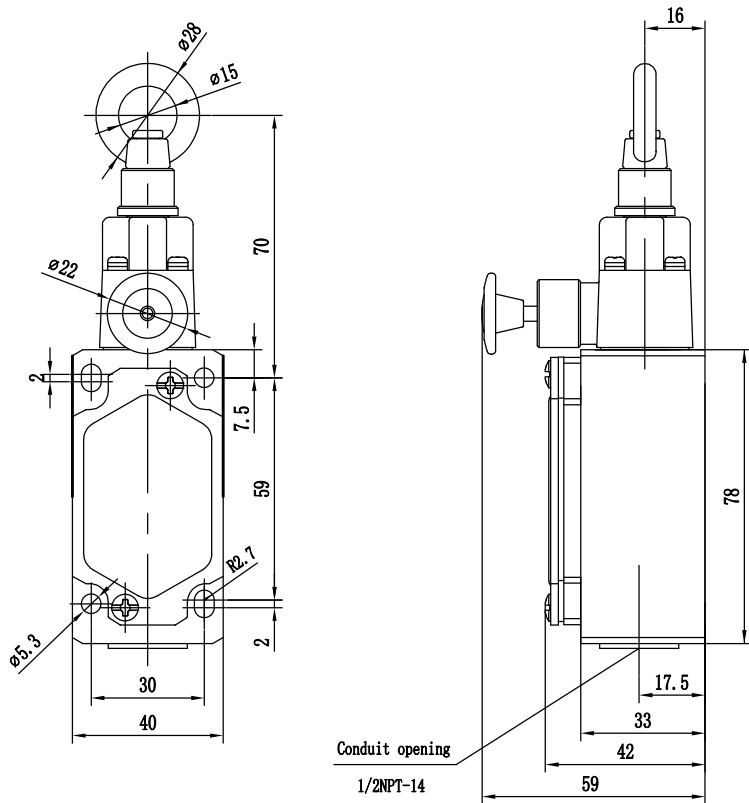


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PART NUMBER
SN6170-SL-A-R

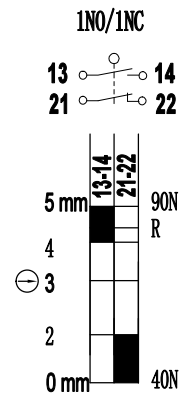
ZONE	DOCUMENT	CHANGED BY	CHECK	DATE

Specifications

Operating Speed	0.05mm-2m/sec
Operating Frequency	Mechanical: 120ops/min Electrical: 30 ops/min
Insulation Resistance	>100MΩ @500V DC
Contact Resistance	<25mΩ (initial value)
Rated Thermal Current	10A
Electrical Rating (UL, cUL Approved)	AC 15 A600 DC 13 Q300
Dielectric Strength	1000VAC for 1 min between current carrying parts 2500VAC for 1 min between non-current carrying parts
Service Life	Mechanically 1X10 ⁶ Electrically 5X10 ⁵
Operating Temperature	-25~+80° C (-13~176° F) (with no icing)
Humidity	<95%RH



Circuit Diagram



CHARACTERISTICS :

DEGREE OF PROTECTION :IP67

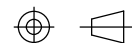
DESIGN UNITS: mm

CONTACT ARRANGEMENT :

TOLERANCES UNLESS NOTED:

NO PLACES	X	±	1.000
ONE PLACE	.X	±	0.4
TWO PLACE	.XX	±	0.15
THREE PLACE	.XXX	±	0.005
FOUR PLACE	.XXXX	±	0.0050
ANGLES	X	±	3°

THIRD ANGLE PROJECTION



	NAME	DATE
DRAWN	Y • JIANG	2024-05-31
CHECK	QI • LI	2024-05-31
APPROVED	SH • ZHANG	2024-05-31

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RASTER

SUNS®

TITLE SWITCH-BASIC				
SIZE A4	TYPE -	CAGE CODE -	DRAWING NAME SN6170-SL-A-R	REV 1
SCALE 1:1		SHEET 1 OF 1		