

STEIMEX®

德國施德利

- 金屬底壳
- 不銹鋼滾輪，沖頭及彈簧
- 高電性 10A 250V, 50萬次

LSN -

系列行程開關
Series Limit Switches



型號 Version	LSN-	5000	5030	5050	5100	5200	5220	5300	5330	5381	5391	
操作力 Operating Force	(最大) (Max.)	OF	750g-cm	750g-cm	750g-cm	750g-cm	900g-cm	900g-cm	150g	150g	150g	550g-cm
回彈力 Release Force	(最小) (Min.)	RF	100g-cm	100g-cm	100g-cm	200g	200g	200g	30g	30g	30g	100g-cm
前預行程 Pre-Travel	(最大) (Max.)	PT	20°	20°	20°	1.8mm	1.8mm	1.8mm	30mm	30mm	30mm	20°
觸發位置 Tripping Position	(±10%)	TP	22.5°	22.5°	22.5°	2.0mm	2.0mm	2.0mm	22.5°	22.5°	22.5°	22.5°
行程移動分辨率 Movement Differential	(最大) (Max.)	MD	10°	10°	10°	1.2mm	1.2mm	1.2mm	14°	14°	14°	14°
觸後行程 Over Travel	(最小) (Min.)	OT	75°	75°	75°	4.0mm	4.0mm	4.0mm	20mm	20mm	20mm	75°
累積總行程 Total Travel	(最小) (Min.)	TT	95°	95°	95°	5.8mm	5.8mm	5.8mm	50mm	50mm	50mm	95°

Electrical Parameters 電性參數

Double Break Mechanism
雙斷開機械功用

Rated Voltage / Current :
額定電壓 / 電流

INO+INC Force Break snap action 強迫斷開快速機芯

10(4)A, 125, 250VAC
6(2)A, 380VAC

For inductance Load, Cos ϕ =0.4

Contact Resistance

接觸電阻 Initial < 10m Ω , after testing < 30m Ω

Insulation Voltage

絕緣電壓 Min. 100M Ω at 500VDC

Dielectric Strength

電介強度 AC 2000 VAC / Minute for exposed metal / terminals, ground and between opposite poles

Electrical Life

電性壽命 500,000 at 10A 250VAC Resistive

Mechanical Life

機械壽命 20,000,000

Operating Speed

操作速度 120 Cycles / Minute

Degree of Protection

防水防塵能力 IP66 (防壓力水柱級)

Ambient Temperature Rised

上升溫度 Max 30 $^{\circ}$ C over ambient temperature at rated voltage / current

Conformed Standards

合乎標準 Cenelec EN 50041, EN 50047, IEC 337-1, VDE 0660

Operating Temperature

操作溫度 -25 $^{\circ}$ C ~ +80 $^{\circ}$ C

Storage Temperature

保存溫度 -25 $^{\circ}$ C ~ +80 $^{\circ}$ C

Humidity

濕度 95% R.H. Max (No dewing)

Shock Resistance

衝擊系數 Free Position 10G
Overtravel Position 30G

Vibration Frequency

振動頻率 55Hz Max

Terminal screw Locking Force

端子螺絲扭力 6-8 kgf-cm

Other Forces

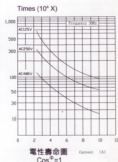
其他螺絲扭力 Cover 12-14 kgf-cm / Head 8-9 kgf-cm / Mounting 50-60 kgf/cm

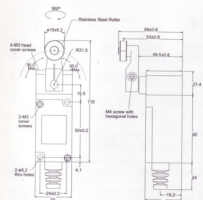
Bare Wire Gauge

裸銅線尺寸 \varnothing 2 Max

Cable Diameter

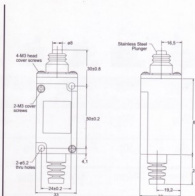
電纜尺寸 \varnothing 9 Max (IP 66 If use cable \varnothing 8-9)



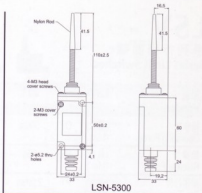


LSN-5000

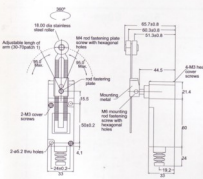
可選配尼龍滾輪 Nylon Roller LSN-5000P



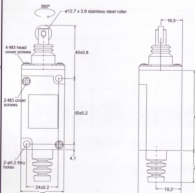
LSN-5100



LSN-5300

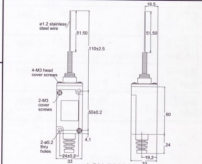


LSN-5030

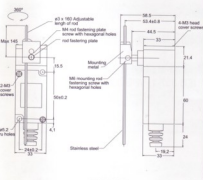


LSN-5200

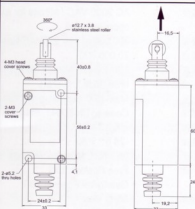
可轉頭方向為LSN-5220



LSN-5330

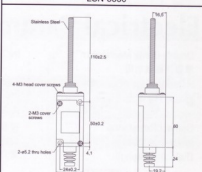


LSN-5050

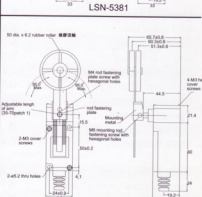


LSN-5220

可轉頭方向為LSN-5200



LSN-5381



LSN-5391