

Product Specification

Number: L-KLS7-PBS-M22-03

Name: Momentary pushbutton switches

Customer: _____

Date: 2025-07-11

Customer Signature:



NINGBO KLS ELECTRONIC CO; LTD

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**ADD : NO. 8-1, RONGXIA RD. XIAPU SHANQIAN
INDUSTRIAL ZONE BEILUN NINGBO ZHEJIANG.**

Compi	Check	Review	Approva
Jenny	Jack.C		

	Part name	Momentary pushbutton switches	Date	2025-07-11
	Part number	L-KLS7-PBS-M22-03	Edition	V1
	Department		Page	2/ 3

Table 1: Electrical Parameters & Certifications

Parameter	SA 250VAC	SA 125/250VAC
Certification	-	-
Operating Temp.	-25°C~+55°C*	-
Product Diagram	See attached page	-

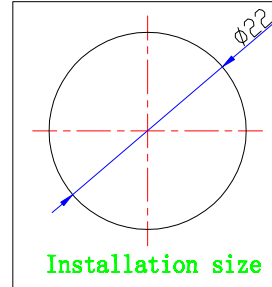
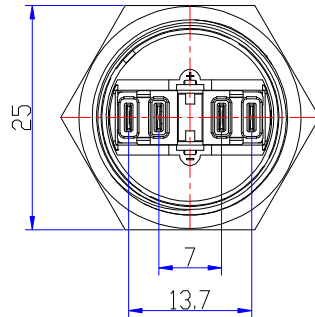
Note: "-25°C~-55°C" appears inconsistent; corrected to industry-standard range "-25°C~+55°C".

Table 2: Performance Specifications

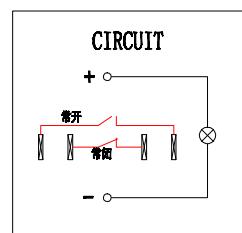
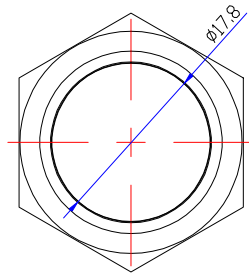
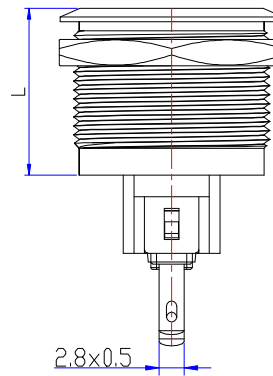
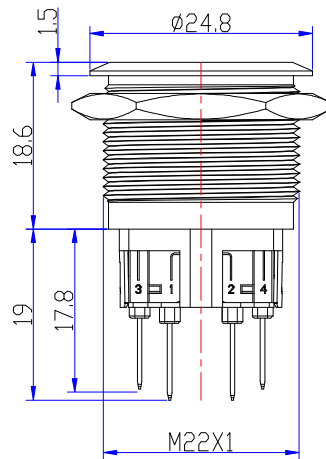
Item	Test Condition	Specification
Operating Travel	Stroke to trigger inertia	2.7±0.5mm
Actuation Force	Vertical load on switch mechanism	4~7N
Mechanical Life	No load, 30 cycles/min	200,000 cycles
Solderability	230±5°C, immersion 3±0.5s	≥90% wetting area
Solder Heat Res.	260±5°C, immersion 8±1s*	No electrical/mechanical degradation
Contact Resistance	6VDC	≤50mΩ
Insulation Resist.	500VDC, 1min*	≥100MΩ**
Standard	IEC 61058	UL 61058

Table 3: Electrical Test Requirements

Test	Condition 1	Requirement 1	Condition 2	Requirement 2
			No flashover/breakdown	1000Vac/50Hz, 1min
Dielectric Strength	Micro-disconnect	500Vac/50Hz, 1min	1000Vac/50Hz, 1min	No flashover/breakdown
Basic Insulation	1500Vac/50Hz, 1min	-	7.5A/250VAC, 6-10 cycles/min, 50 cycles	Normal function
Endurance Test	5.75A/cosΦ0.95, 288Vac, 15 cycles/min, 100 cycles	Normal function	5A/250VAC, 6-10 cycles/min, 10,000 cycles	-
Endurance Test	5A/cosΦ0.95, 250Vac, 15 cycles/min, 9,900 cycles	-	5A continuous until stable, 18AWG wire	Terminal temp. ≤55K*
Temp. Rise Test	5A continuous until stable, 0.5~0.75mm² wire	Terminal temp. ≤55K*		



L值: 自复式为: 18.6
自锁式为: 23.5



1N01NC

物料明细表

序号	名称	材质	处理	备注
1	外壳	不锈钢		
2	基座	PA66		
3	按钮	不锈钢		
4	触点	银合金		
5	端子	H62	镀银	
6				

普通公差: 尺寸1~10±0.1mm; 10~20±0.2mm; 20~30±0.3mm; 30~40±0.5mm.