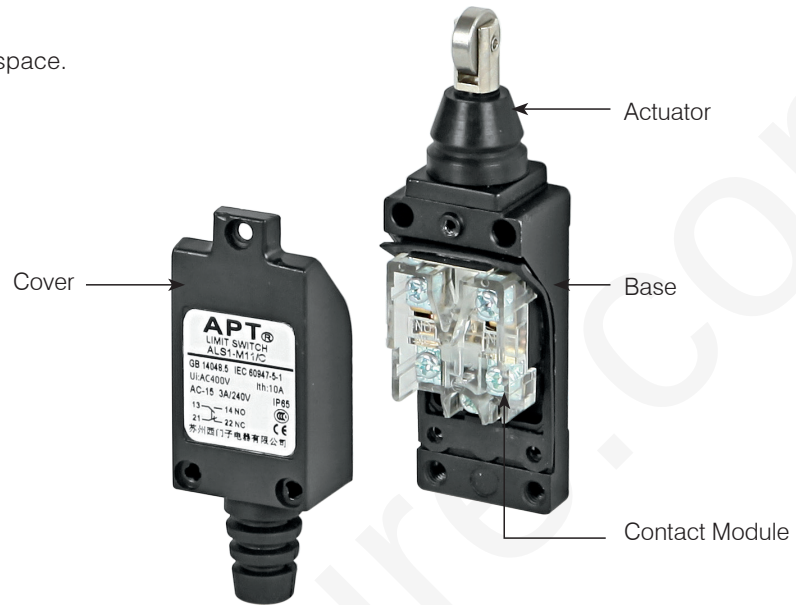


ALS Metal Limit Switch Siemens APT

ALS1-M introduction

- Protection class: IP65.
- Compact structure with save installation space.
- RoHS material



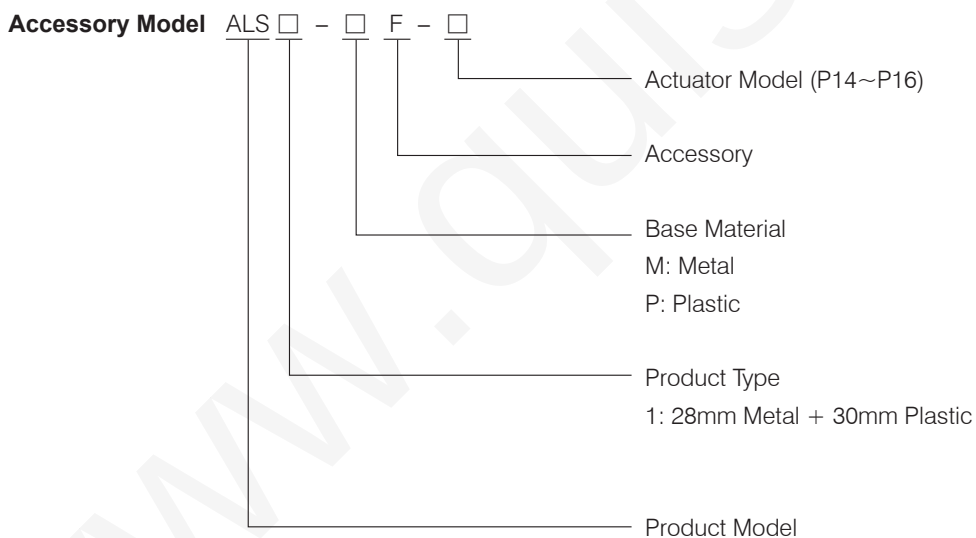
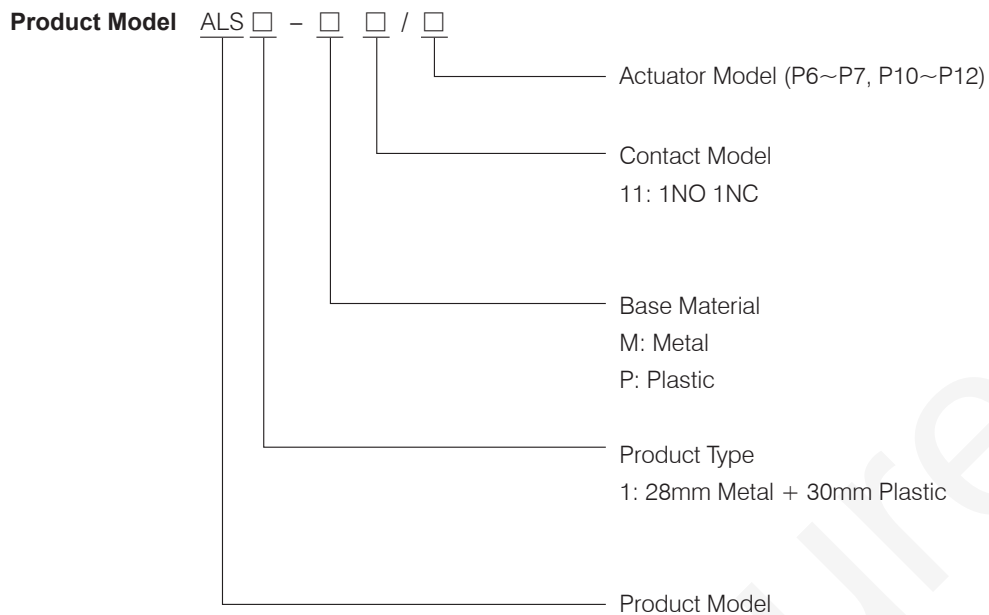
ALS1-P introduction

- Protection class : IP67.
- EN50047 Standard
- Easy wiring
- Modularized design with easy installation
- RoHS material



ALS Limit Switch

Model Description



Technical Data of ALS1-M

Standards:	IEC60947-5-1 GB14048.5
Rated Insulation Voltage U_i :	AC 400V
Rated Impulse Withstand Voltage U_{imp} :	AC 1890V 50Hz. 1min
Conventional Thermal Current I_{th} :	10A
Product Certification:	CCC, CE, RoHS
Mechanical Endurance:	About 10 million times
Electrical Endurance:	0.3 million times/AC-15 at 3A/240V
Operation Temperature:	-20℃ ~70℃
Humidity:	< 95%RH
Protection Class:	IP65
Operating Frequency:	7,200 times/hour (mechanical endurance)
Shock Amplitude:	≤ 10g
Impact Amplitude:	10~55Hz 1.5mm
Contact Resistance:	< 25mΩ
Contact Material:	AgNi10/Cu
Wire Specifications:	2 × (0.5~0.75)mm ² 1 × (0.5~1.5)mm ²

Rated Load

Rated Insulation Voltage U_i	AC400V			
Conventional Thermal Current I_{th}	10A			
AC-15	24V/6A	110V/6A	240V/3A	380V/0.5A
DC-13	24V/3A	110V/0.5A	250V/0.27A	/

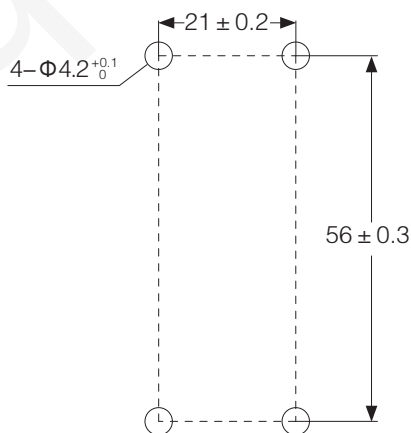
Remarks: “/” Unsuitable

ALS Limit Switch

How to install?

1. Unscrew the screw, take off the cover.	
2. Install the wire through cable gland.	
3. Wire directly.	
4. Tighten the screws of the cover.	

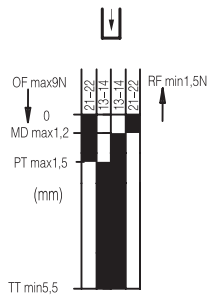
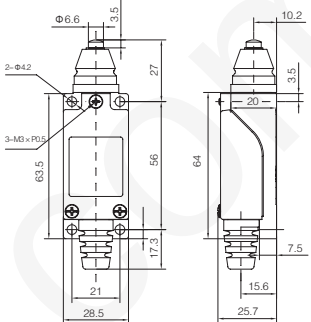
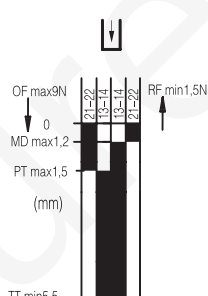
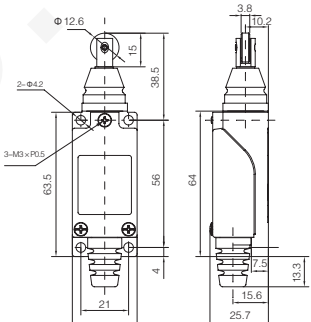
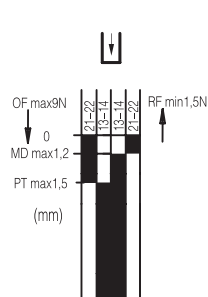
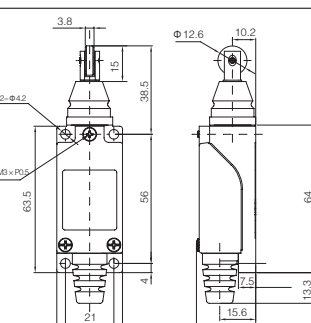
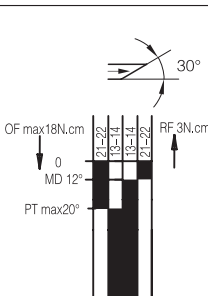
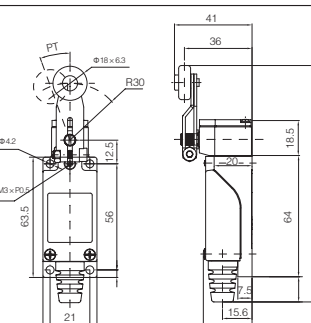
Mounting holes Dimension



Note:

- Tightening torque 0.5~0.6Nm of contact model.
- Tightening torque 0.5~0.6Nm of cover.
- Avoid the damage of seal ring, pls. even tighten the screws.

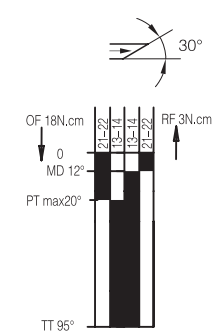
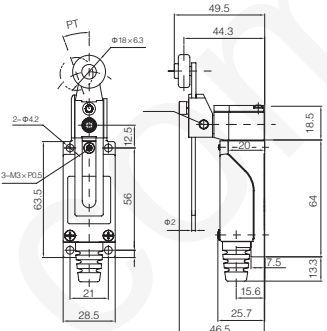
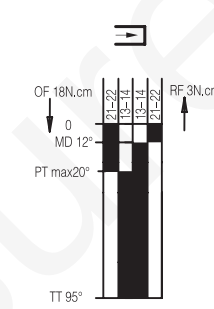
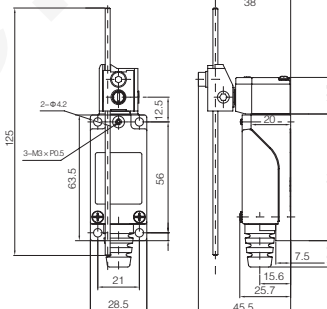
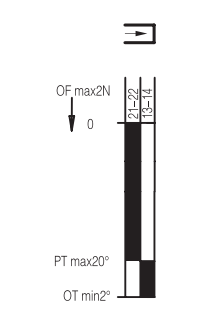
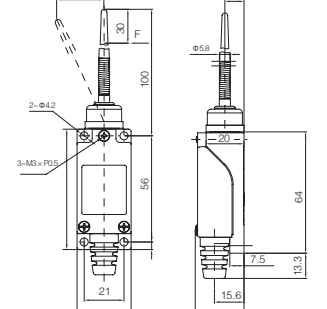
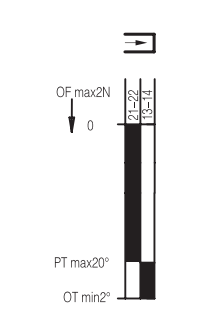
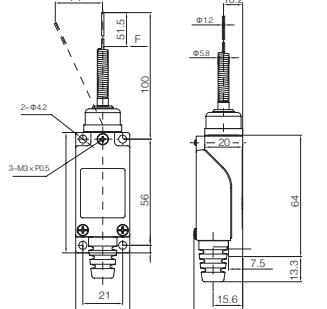
Model List

Name	Type	Contact	Model	Actuation And Travel	Dimensions
Rounded Plunger		Snap-action 13 — 14NO 21 — 22NC	ALS1-M11/A2		
Roller Plunger		Snap-action 13 — 14NO 21 — 22NC	ALS1-M11/B2		
Roller Plunger		Snap-action 13 — 14NO 21 — 22NC	ALS1-M11/C		
Twist Lever		Snap-action 13 — 14NO 21 — 22NC	ALS1-M11/F1		

Notes: ★ Only finished products order.

ALS Limit Switch

Model List

Name	Type	Contact	Model	Actuation And Travel	Dimensions
Adjustable length Twist lever		Snap-action 13 — 14NO 21 — 22NC	ALS1-M11/G1		
Rod Actuator		Snap-action 13 — 14NO 21 — 22NC	ALS1-M11/H3		
Spring Rod		Snap-action 13 — 14NO 21 — 22NC	ALS1-M11/S3		
Palpus		Snap-action 13 — 14NO 21 — 22NC	ALS1-M11/J1		

Notes: ★ Only finished products order.