

Usage Manual



FLOATLESS LEVEL SWITCH

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Thank you for choosing EK Series Floatless Level Switch.
Please read this manual before installation, operation and maintenance.

STANDARD AND QUALITY CERTIFICATES



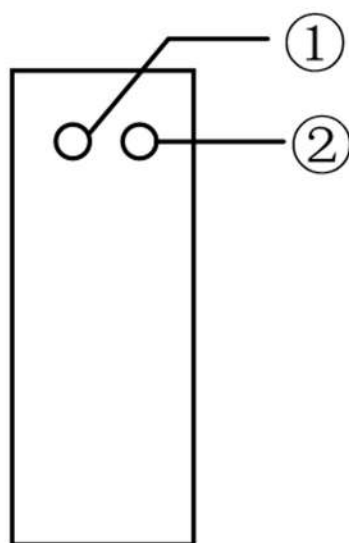
Contact Configuration
Universal Power Supply
2 LED Status Indicators
SPDT or DPDT

Rate Current 5A or 16A
Only 17.5 mm Wide
DIN Rail Mountable
CE RoHS Compliant

Type	Sensitivity	Output Voltage	Applicable Environment
EKR8-6008□	Low Sensitivity, Fixed	8V	Used for liquid with low intrinsic resistance, such as salt water, sewage and Acid-base liquid medicine.
EKR8-6108□	Low Sensitivity, Adjustable		
EKR8-6012□	Medium Sensitivity, Fixed	12V	Used for normal purified water and sewage.
EKR8-6112□	Medium Sensitivity, Adjustable		

EKR8-6024□	High Sensitivity, Fixed	Used for liquid with high intrinsic resistance, such as distilled water.
EKR8-6124□	High Sensitivity, Adjustable	
EKR8-6312□	Sensitivity Adjustable: 5K-100KΩ Delay Time Adjustable: 0.5-10S	Used for domestic water systems, sewage treatment systems and special liquid supply systems.
<u>□: Operating voltage:</u> <u>220: AC220V D24: DC24V A24: AC24V H33:AC/DC24-240V More...</u>		

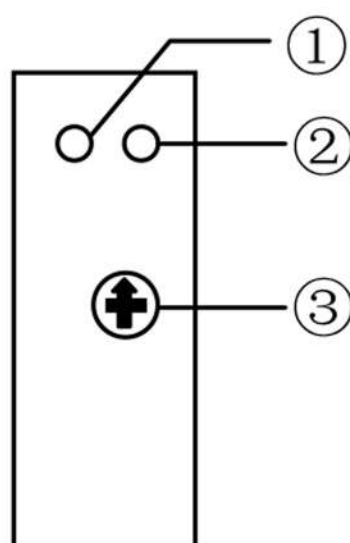
MODEL & EXPLANATION



EKR8-6008□

EKR8-6012□

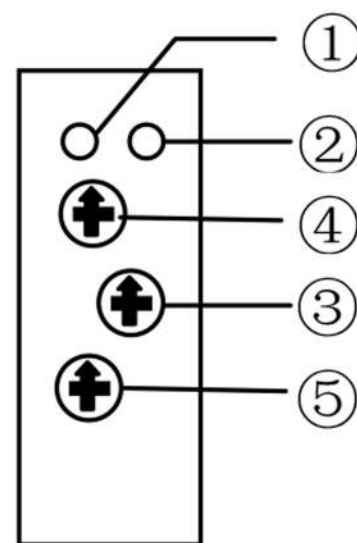
EKR8-6024□



EKR8-6108□

EKR8-6112□

EKR8-6124□



EKR8-6312□

① Power Indicator

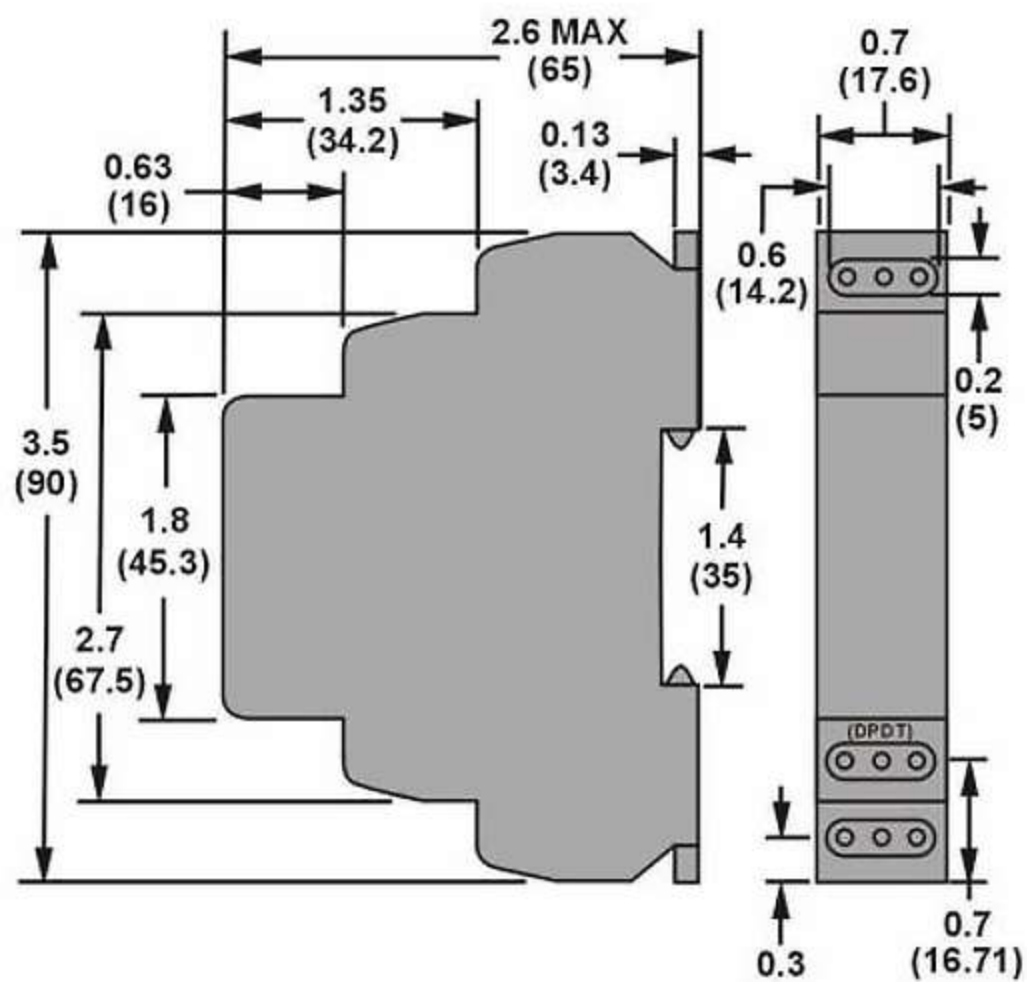
② Work Indicator

③ Sensitivity Adjustment

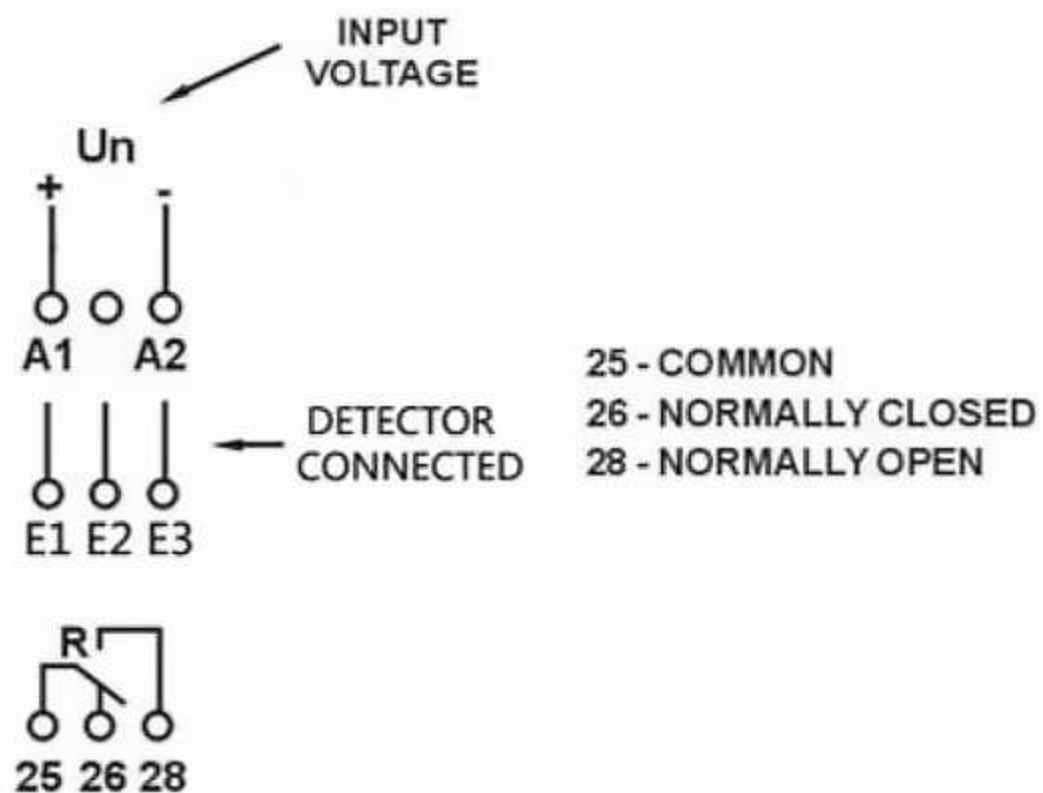
④ Water supply / drainage options

⑤ Time for Action Delay

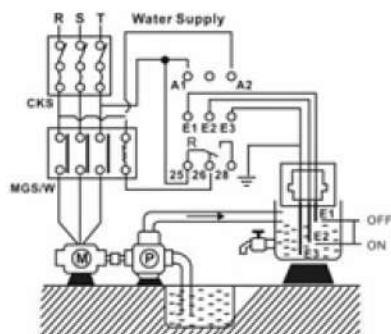
DIMENSIONS_{Inches(mm)}



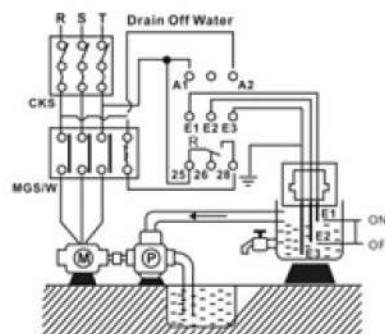
WIRING DIAGRAMS



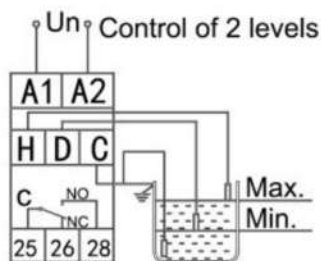
WIRING DIAGRAMS



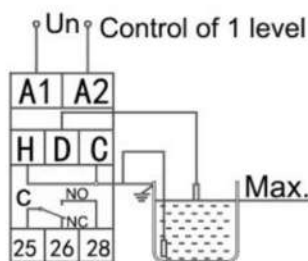
When water reaches E1, motor stops automatically and when water drains below E2, motor operates automatically. When motor operations, Lamp is OFF.



When water reaches E1, motor starts. Automatically and when water drains below E2, motor stops automatically. When motor operations, Lamp is ON.



Water supply/Drainage
Same as YX60/61 Series



Water supply: When water level of tank reaches D, pump stops working and stops the water intake. When water level drops below D, the delay starts. When the time is up, the pump starts working and supply water.

Drainage: When water level of tank reaches D, pump starts working and starts to drain. When water level drops below D, the delay starts. When the time is up, the pump stops working and stops draining.

