

K8AK/K8DS Monitoring Relays

Protect critical processes and machines while maintaining prime panel space



- Ultra slim design increases valuable panel space
- Monitor more applications with a single source
- Visible LEDs save time and energy when checking on process status
- Rotary switches provide quick setup which allow users to focus on pressing matters

Applications

- Plastic Injection Machines
- Shrink Wrap Machines
- Horizontal Packaging Machines
- Robotic Systems
- Heat Tunnels
- Safety Systems
- Vertical Packaging Machines
- Conveyor Systems

Markets

- Automotive
- Packaging
- Semiconductor
- Waste Water Treatment Plants
- Security Detention Centers
- Energy

Product Comparison

Quick Link **R638** omron247.com

	Conductive Level Control	Temperature	Three-Phase				Single-phase				
	K8AK-LS	K8AK-TH	K8DS-PH	K8AK-PH	K8AK-PA	K8AK-PM	K8AK-PW	K8AK-VS	K8AK-VW	K8AK-AS	K8AK-AW
Detection Function	Liquid Level Monitoring	Temperature Monitoring	Phase-Sequence Phase-Loss Monitoring	Phase-Sequence Phase-Loss Monitoring	Asymmetry and Phase-Sequence Phase-Loss Monitoring	Voltage Monitoring	Voltage Monitoring	Voltage Monitoring	Over-voltage/ Under-voltage Monitoring	Current Monitoring	Over-current/ Under-current Monitoring
Dimensions	22.5 x 100 x 90	22.5 x 100 x 90	17.5 x 73 x 80	22.5 x 100 x 90	22.5 x 100 x 90	22.5 x 100 x 90	22.5 x 100 x 90	22.5 x 100 x 90	22.5 x 100 x 90	22.5 x 100 x 90	22.5 x 100 x 90
Temperature	N/A	Yes	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Phase-sequence	N/A	N/A	Yes	Yes	Yes	Yes	N/A	N/A	N/A	N/A	N/A
Phase-loss	N/A	N/A	Yes	Yes	Yes	Yes	N/A	N/A	N/A	N/A	N/A
Over-voltage	N/A	N/A	N/A	N/A	N/A	Yes	Yes	Yes (Selectable)	Yes (Simultaneous Monitoring)	N/A	N/A
Under voltage	N/A	N/A	N/A	N/A	N/A	Yes	Yes	Yes (Selectable)	Yes (Simultaneous Monitoring)	N/A	N/A
Phase-Asymmetry	N/A	N/A	Yes (Fixed)	Yes (Fixed)	Yes (Adjustable)	N/A	N/A	N/A	N/A	N/A	N/A
Over-current	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Yes (Selectable)	Yes (Simultaneous Monitoring)
Undercurrent	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Yes (Selectable)	Yes (Simultaneous Monitoring)
Liquid Level	Yes	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Relay Output	One SPDT	One SPDT	One SPDT	One SPDT	One SPDT	Two SPDT	Two SPDT	One SPDT	Two SPDT	One SPDT	Two SPDT