

The OMRON logo is displayed in a bold, blue, sans-serif font. The letters are thick and rounded, with the 'O' being a simple circle. The entire logo is set against a light yellow rectangular background.

Automatización Eléctrica
Especialistas en Automatización

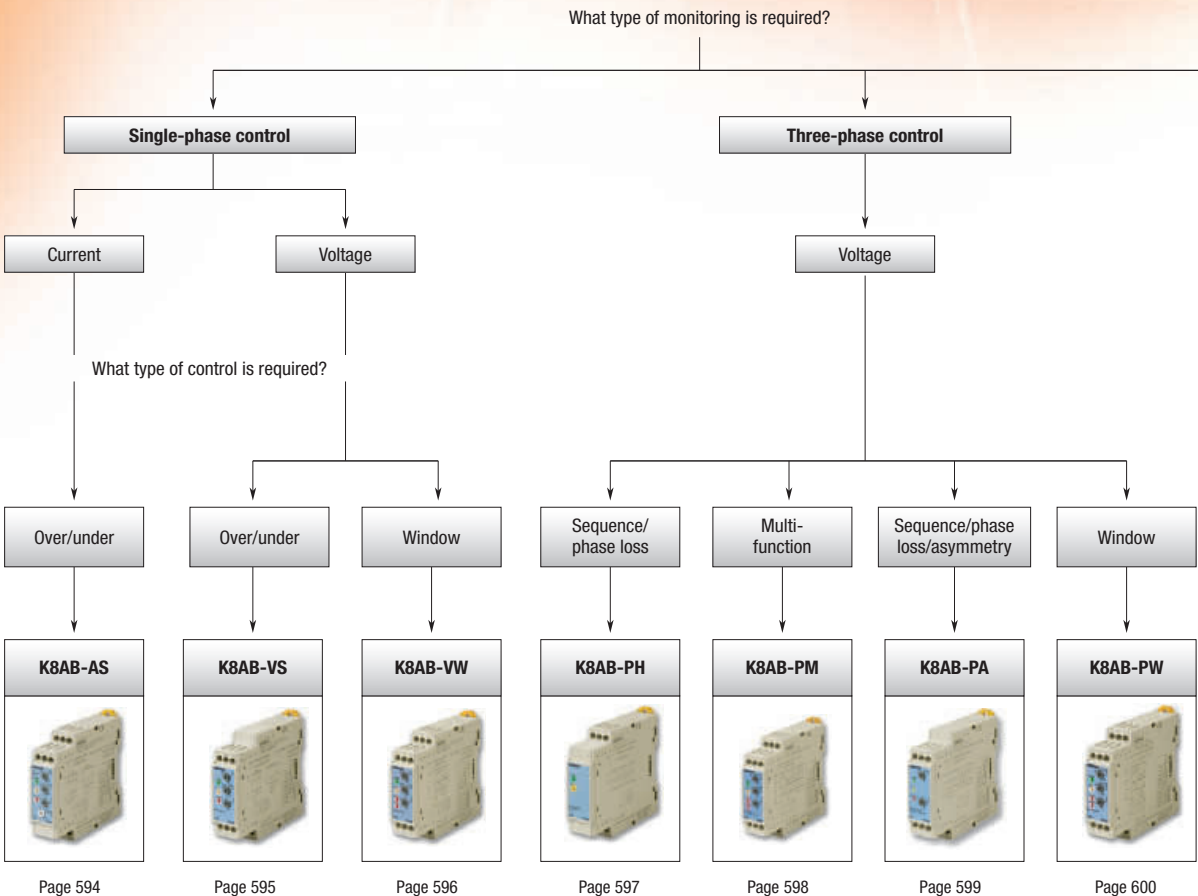
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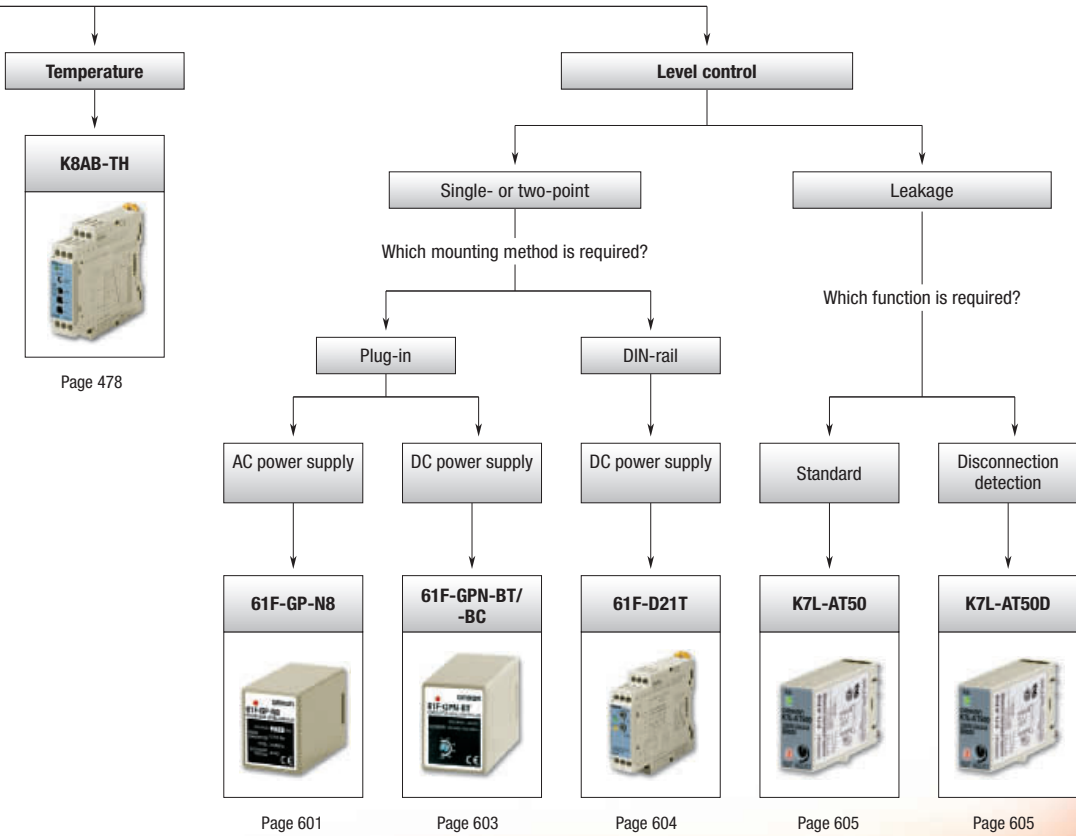
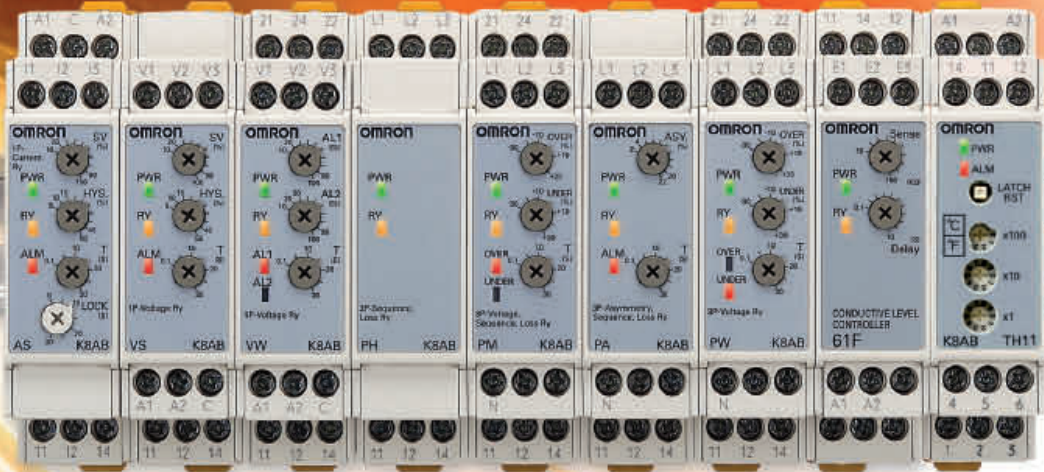
THE COMPLETE MONITORING RANGE

K8 series – The smart way to protect your system







The K8 series offers you a flexible and complete one-stop shopping solution!
 This monitoring range can be split into models for single-phase current and voltage control, three-phase voltage control, conductive level control and a temperature alarm unit.







- 1-phase: full-span of range setting, all models with timer function
- 3-phase: wide range of global voltage settings
- Easy-to-set parameters





Selection table

Category		1-phase current	1-phase voltage		Phase-sequence phase-loss	3-phase phase-sequence phase-loss	3-phase asymmetry and phase-sequence phase-loss
Selection criteria							
	Model	K8AB-AS	K8AB-VS	K8AB-VW	K8AB-PH	K8AB-PM	K8AB-PA
	Specialty	Ideal for current monitoring for industrial heaters and motors.	Ideal for voltage monitoring for industrial facilities and equipment.	Ideal for voltage monitoring for industrial facilities and equipment.	Ideal for phase-sequence and phase-loss monitoring for industrial facilities and equipment.	Ideal for monitoring 3-phase power supplies for industrial facilities and equipment.	Ideal for 3-phase voltage asymmetry monitoring for industrial facilities and equipment.
	Sensing range (configurable)	20 mA to 10 A, current transformer: 100/200 A	60 mV to 600 V	60 mV to 600 V	Same as supply voltage		
Supply voltage AC	24 VAC	■	■	■	–	–	–
	100 VAC	–	–	–	–	–	–
	110 VAC	–	–	–	–	–	–
	115 VAC	■	■	■	–	–	–
	120 VAC	–	–	–	–	–	–
	200 VAC	–	–	–	–	–	–
	220 VAC	–	–	–	–	–	–
	230 VAC	■	■	■	–	–	–
	240 VAC	–	–	–	–	–	–
	200 to 500 VAC	–	–	–	■	–	–
	200 to 240 VAC	–	–	–	–	■ (-PM1, 3-wire)	■ (-PA1, 3-wire)
	115 to 138 VAC	–	–	–	–	■ (-PM1, 4-wire)	■ (-PA1, 4-wire)
380 to 480 VAC	–	–	–	–	■ (-PM2, 3-wire)	■ (-PA2, 3-wire)	
220 to 277 VAC	–	–	–	–	■ (-PM2, 4-wire)	■ (-PA2, 4-wire)	
Supply voltage DC	24 VDC	■	■	■	–	–	–
	12 to 24 VDC	–	–	–	–	–	–
Control output	Transistor NPN	–	–	–	–	–	–
	Transistor PNP	–	–	–	–	–	–
	Relay	■ (1 SPDT)	■ (1 SPDT)	■ (2 SPDT)	■ (1 SPDT)	■ (2 SPDT)	■ (1 SPDT)
Features	LED operation indicator	■	■	■	■	■	■
	Adjustable sensitivity	–	–	–	–	–	–
	Electrode types	–	–	–	–	–	–
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3-phase voltage	Conductive level controller				Liquid leakage sensor amplifier	
						
K8AB-PW	61F-GP-N8	61F-GPN-BT	61F-GPN-BC	61F-D21T	K7L-AT50	K7L-AT50D
Ideal for monitoring 3-phase power supplies for industrial facilities and equipment.	Single or two-point	AC sine wave between electrodes for stable detection with no electrolysis	AC sine wave between electrodes for stable detection with no electrolysis	Ideal for level control for industrial facilities and equipment	Sensor amplifier, AC sine wave between electrodes for stable detection with no electrolysis	Sensor amplifier with disconnection detection function
Same as supply voltage	4 to 50 kΩ	0 to 100 kΩ	1 to 100 kΩ	10 to 100 kΩ	0 to 50 MΩ	1 to 50 MΩ
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<input checked="" type="checkbox"/> (-PW1, 4-wire)	-	-	-	-	-	-
<input checked="" type="checkbox"/> (-PW2, 3-wire)	-	-	-	-	-	-
<input checked="" type="checkbox"/> (-PW2, 4-wire)	-	-	-	-	-	-
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<input checked="" type="checkbox"/> (2 SPDT)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	-	-
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-	-	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	-	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
-	Electrode holder: PS-S, PS-31, BF-1 and BS-1			-	Liquid leakage sensor band F03-16PE	
600	601	603		604	605	

Standard
 Available
 - No/not available



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