

Designed for Panel Builders to get more profit out of your control panel

Industrial Control Components

Industries:

- Manufacturing
- Agriculture
- Construction
- Mining and Metals
- Processing
- Material Handling
- Automotive
- Packaging
- Semi-conductor

Panel Builder's Require:

- Lower Cost Panels
- Reduced Assembly Time
- Value Add
- Space Saving Equipment
- Energy Saving Products
- Global Product Availability



Control

Power Supplies

S8VK-G series

DIN Rail Mount



UL 508
Certified

- Double set of DC output terminals (three for the negative) to provide easy wiring
- High efficiency (90%) to reduce energy consumption and generate less heat in the control enclosure
- Power Boost functionality (120%) provides power when start-up inrush current is above rated output current

Temperature Controllers & Sensors

E5_C

Easy-to-Read Large
White LCD Display



- 60 mm depth allows E5_C series controllers to be used in shallow electrical panels
- Unique flat front allows E5_C series to mount flush on a panel enclosure

General Purpose Relay

MYS series

Miniature



UL 508
Recognized

- Proven relay in the elevator industry for over 20 yrs.
- High electrical endurance (2 pole: 500,000 ops min, 4 pole: 200,000 ops min) provides sustainable functionality for applications with high switching
- Clear plastic cover allows operator to visually inspect operation of relay, therefore taking the guess work out of the application

Redundancy Unit

S8VK-R series

Power Supply Unit



UL 508
Certified

- Double your operational lifetime by adjusting the power supply voltage to light-up the Balance LED
- Output signal for detection of failed power supply
- The redundancy unit can be used in a backup system for critical applications that require absolute reliability

Switching Components

A22N series

Pushbutton Switches



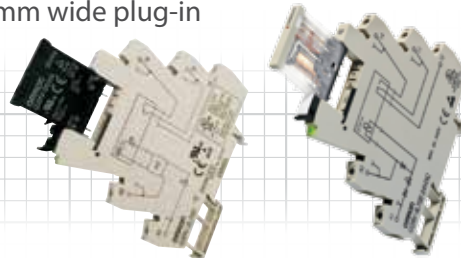
UL 508
Certified

- Metal and plastic bezels add to the aesthetic design
- Snap-in switch unit for quick and easy, tool-free assembly
- Complete line of 22 mm pushbuttons, selectors, keyed selectors and pilot lights in both locations

Ultra Slim Relays

G2RV & G3RV

Slim 6 mm wide plug-in



UL 508
Certified

- Electromechanical and Solid State 6 mm wide Relays
- Strong mechanical pins allows for easy socket mounting
- LED indicator allows operator to easily check relay operation

Monitoring

Monitoring Relays

K8AK series

Voltage & Current



Quick Link
R634
omron247.com

- The relay warning status is easily monitored with the LED indicator
- Manual resetting and automatic resetting are supported by one relay
- Single-Phase and 3-Phase voltage and current input allows for use in any application world wide

Panel Meters

K3MA series

Process [Quick Link X324 omron247.com](#)
Temperature [Quick Link X329 omron247.com](#)
Frequency [Quick Link X323 omron247.com](#)



- Scaling values allows K3MA's to interface with PLC's
- Ideal for applications where remote or multiple displays are needed
- 2-Color display allows user to quickly identify application status
- NEMA 4X (IP66) rating provide water and dust-proof protection

Monitoring Relays

K8DS series

Voltage & Current



Quick Link
R648
omron247.com

- Space saving design (17.5 mm width) frees up valuable panel space for other Omron products to be used
- Use multiple relays as a complete and comprehensive system or individually in stand alone applications
- Solid state technology allows the K8DS series to be used in high vibration and high repetitive applications

Panel Meters

K3GN series

Three Panel Meters in One

Quick Link
X325
omron247.com



- 1/32 DIN (24 mm H x 48 mm W x 80 mm D) compact size provides the functionality as a standard size panel meter
- Programming options include RS-485 (via front panel) allows for quick set-up with PLC's
- Use as a general-purpose process meter, RPM tachometer, or a digital display for PCs and PLCs

OMRON AUTOMATION AND SAFETY • THE AMERICAS HEADQUARTERS • Chicago, IL USA • 847.843.7900 • 800.556.6766 • www.omron247.com

OMRON CANADA, INC. • HEAD OFFICE

Toronto, ON, Canada • 416.286.6465 • 866.986.6766 • www.omron247.com

OMRON ELECTRONICS DE MEXICO • HEAD OFFICE

México DF • 52.55.59.01.43.00 • 01-800-226-6766 • mela@omron.com

OMRON ELECTRONICS DE MEXICO • SALES OFFICE

Apodaca, N.L. • 52.81.11.56.99.20 • 01-800-226-6766 • mela@omron.com

OMRON ELETRÔNICA DO BRASIL LTDA • HEAD OFFICE

São Paulo, SP, Brasil • 55.11.2101.6300 • www.omron.com.br

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- Operator interfaces (HMI) • Distributed I/O • Software

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Temperature & Process Controllers

- Single and Multi-loop Controllers

Sensors & Vision

- Proximity Sensors • Photoelectric Sensors • Fiber-Optic Sensors
- Amplified Photomicrosensors • Measurement Sensors
- Ultrasonic Sensors • Vision Sensors

Industrial Components

- RFID/Code Readers • Relays • Pushbuttons & Indicators
- Limit and Basic Switches • Timers • Counters • Metering Devices
- Power Supplies

Safety

- Laser Scanners • Safety Mats • Edges and Bumpers • Programmable Safety Controllers • Light Curtains • Safety Relays • Safety Interlock Switches

E5CC Temperature Controllers

High Visibility Display for Most Lighting Conditions



- 50 ms sampling speed and 2-PID algorithm provide quick response and precise regulation
- High-contrast, white LED display visible from a far distance and from any angle (PV: 15.2 H mm)
- USB connection via CX-Thermo (v4.4 or higher) intuitively allows users to upload or download parameters in an office prior to installation reducing on-site man hours
- Compact with short body depth: 60 mm (depth) permits unit to be used in shallow panels
- Front panel rated IP66

Applications

- Plastic Injection Machines
- Shrink Wrap Machines
- Horizontal Packaging Machines
- Heat Tunnels
- Vertical Packaging Machines
- Industrial Boilers/Ovens

Markets

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

Ordering Information

Quick Link **M425** omron247.com

Input	Output	Fixed option	Alarms	Model: AC110-240V	Model: AC/DC24V
Temp. & Analog	Out1: Relay	---	3 relays	E5CC-RX3A5M-000	E5CC-RX3D5M-000
		Event Input 2, Transfer output		E5CC-RX3A5M-006	E5CC-RX3D5M-006
		Event Input 2, Remote SP		E5CC-RX3A5M-007	E5CC-RX3D5M-007
	Out1: Voltage (pulse)	---		E5CC-QX3A5M-000	E5CC-QX3D5M-000
		Event Input 2, Heater Burnout SSR defect detection		E5CC-QX3A5M-001	E5CC-QX3D5M-001
		Communication 3-phase heater alarm		E5CC-QX3A5M-003	E5CC-QX3D5M-003
		Event Input 2, Transfer output		E5CC-QX3A5M-006	E5CC-QX3D5M-006
		Event Input 2, Remote SP		E5CC-QX3A5M-007	E5CC-QX3D5M-007
		E5CC-QQ3A5M-000		E5CC-QQ3D5M-000	
		E5CC-QQ3A5M-001		E5CC-QQ3D5M-001	
Temp. & Analog	Out1: Voltage (pulse)	---	E5CC-CX3A5M-000	E5CC-CX3D5M-000	
		Event Input 2, Heater Burnout SSR defect detection	E5CC-CX3A5M-006	E5CC-CX3D5M-006	
	Out1: Linear current	---	E5CC-CX3A5M-007	E5CC-CX3D5M-007	
		Event Input 2, Transfer output	E5CC-CX3A5M-000	E5CC-CX3D5M-000	
		Event Input 2, Remote SP	E5CC-CX3A5M-006	E5CC-CX3D5M-006	
			E5CC-CX3A5M-007	E5CC-CX3D5M-007	

E5DC Temperature Controllers

High Performance without having to sacrifice valuable panel space



- Space saving 22.5 mm wide body allows multiple units to be ganged together without having to sacrifice performance
- 50 ms sampling speed and 2-PID algorithm provide quick response and precise regulation
- High-contrast, white LED display visible from a far distance and from any angle (PV: 15.2 H mm)
- USB connection via CX-Thermo (v4.4 or higher) intuitively allows users to upload or download parameters in an office prior to installation reducing on-site man hours
- Front panel rated IP66

Applications

- Plastic Injection Machines
- Shrink Wrap Machines
- Horizontal Packaging Machines
- Heat Tunnels
- Vertical Packaging Machines
- Industrial Boilers/Ovens

Markets

- Automotive
- Packaging
- Semiconductor
- Waste Water Treatment Plants
- Energy

Ordering Information

Quick Link **M439** omron247.com

Input	Output	Fixed option	Alarms	Model: 100-240 VAC	Model: 24 VAC/VDC
Temp. & Analog	Out 1: Relay	Communication only	0	E5DC-RX0ASM-015	E5DC-RX0DSM-015
		---	2	E5DC-RX2ASM-000	E5DC-RX2DSM-000
		Heater burnout and SSR defect detection, Communication		E5DC-RX2ASM-002	E5DC-RX2DSM-002
		Heater burnout and SSR defect detection, Event input 1		E5DC-RX2ASM-017	E5DC-RX2DSM-017
	Out 1: Voltage (pulse)	Communication only	0	E5DC-QX0ASM-015	E5DC-QX0DSM-015
		---	2	E5DC-QX2ASM-000	E5DC-QX2DSM-000
		Heater burnout and SSR defect detection, Communication		E5DC-QX2ASM-002	E5DC-QX2DSM-002
		Heater burnout and SSR defect detection, Event input 1		E5DC-QX2ASM-017	E5DC-QX2DSM-017
	Out 1: Current	Communication only	0	E5DC-CX0ASM-015	E5DC-CX0DSM-015
		---	2	E5DC-CX2ASM-000	E5DC-CX2DSM-000
		Communication only		E5DC-CX2ASM-015	E5DC-CX2DSM-015
		Event input		E5DC-CX2ASM-016	E5DC-CX2DSM-016

S8VK-G Power Supplies

Tough, easy wire/install and compact. It is 13% smaller than comparable power supplies and considered the smallest of type in today's market.



UL 508 Approved



- Wide operating temperature (-40 to + 70°C) to guarantee operation and stability
- Double set of DC output terminals provide greater flexibility when designing your application, allowing up to four wires to be connected to the positive and negative terminals respectively.
- High efficiency (90%) to reduce energy consumption and heat build-up in the cabinet
- Power Boost function (120%) instills longevity when used with inductive loads
- Omron designed DIN rail mounting clip provides better vibration resistance and allow for easy installation
- Global safety certifications; Class 1 Div 2 rated
- 5-year warranty

Applications

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

Markets

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

Ordering Information

Quick Link **P234** omron247.com

Power rating	Input voltage	Output voltage	Output current	Boost Current	Model
15 W	Single Phase 100 to 240 VAC 90 to 350 VDC	5 V	3 A	3.6 A	S8VK-G01505
		12V	1.2 A	1.44 A	S8VK-G01512
		24V	0.65 A	0.78 A	S8VK-G01524
30 W		5 V	5 A	6 A	S8VK-G03005
		12V	2.5 A	3 A	S8VK-G03012
		24V	1.3 A	1.56 A	S8VK-G03024
60 W		12V	4.5 A	5.4 A	S8VK-G06012
		24V	2.5 A	3 A	S8VK-G06024
120 W		24V	5 A	6 A	S8VK-G12024
240 W	24V	10 A	12 A	S8VK-G24024	
	48V	5 A	6 A	S8VK-G24048	
	24V	20 A	24 A	S8VK-G48024	
480 W	48V	10 A	12 A	S8VK-G48048	

S8VK-T Power Supplies

Tough, easy wire/install and compact. It is 13% smaller than comparable power supplies and considered the smallest of type in today's market.



UL 508 Approved



- Wide operating temperature (-40 to + 70°C) to guarantee operation and stability
- Wide range input (340 to 576 VAC) allows units to be used for global applications
- High efficiency (91%) to reduce energy consumption and heat build-up in the cabinet
- Power Boost function (120%) instills longevity when used with inductive loads
- Units can be wired for series or parallel operation
- Global safety certifications; Class 1 Div 2 rated
- 5-year warranty

Applications

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

Markets

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

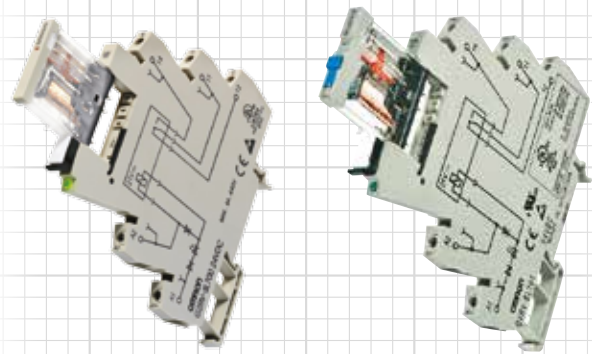
Ordering Information

Quick Link **P238** omron247.com

Input voltage	Power rating	Output voltage	Output current	Boost Current	Model
3x 380 to 480 VAC 2x 380 to 480 VAC	120 W	24 V	5 A	6 A	S8VK-T12024
	240 W		10 A	12 A	S8VK-T24024
	480 W		20 A	24 A	S8VK-T48024
	960 W		40 A	48 A	S8VK-T96024

G2RV Industrial Plug-in Relays

Ultra-slim 6 mm wide DIN mount relay-socket unit with maintenance friendly features.



Drawing on years of experience, G2RV industrial slim relays have been added to the product portfolio. With a width of 6 mm, they offer significant space saving without compromising relay reliability or features. Push-in terminals and a full range of accessories are available for simplifying wiring and saving time.

- Large plug-in pins - Provide excellent connection
- Slim design - Panel space reduction
- LED Indicator & Mechanical Flag - Transparent Housing - Quick visual check of contact operation
- Slide test button - Check loads without energizing coil

Applications

- Plastic Injection Machines
- Shrink Wrap Machines
- Horizontal Packaging Machines
- Heat Tunnels
- Vertical Packaging Machines
- Industrial Boilers/Ovens

Markets

- Automotive
- Packaging
- Semiconductor
- Waste Water Treatment Plants
- Energy

Ordering Information

Quick Link **R226** omron247.com

Rated resistive load	Contact form	Socket terminals	LED indicator on socket	Coil voltage	Model
6 A @ 250 VAC	SPDT	Push-in	Yes	110 VAC	G2RV-SL500 AC110
				24 VDC	G2RV-SL500 DC24(DC21)
6 A @ 250 VAC	SPDT	Screw	Yes	24 VAC/24 VDC	G2RV-SL700 AC/DC24
				110 VAC	G2RV-SL700 AC110
				230 VAC	G2RV-SL700 AC230
				12 VDC	G2RV-SL700 DC12(DC11)
				24 VDC	G2RV-SL700 DC24(DC21)

Note: Model number contains relay and socket.

G2RV with Mechanical Flag

		Standard Type with test switch			
Rated resistive load	Contact form	Socket terminals	LED indicator on socket	Coil voltage	Model
6 A	SPDT	Screw	Yes	24 VDC	G2RV-SL701 24 VDC
				24 VAC/VDC	G2RV-SL701 24 VAC/VDC
		Push-in		24 VDC	G2RV-SL501 24 VDC
				24 VAC/VDC	G2RV-SL501 24 VAC/VDC
		Standard Type with gold plating contacts			
50mA	SPDT	Screw	Yes	12 VDC	G2RV-SL700-AP DC12
				24 VDC	G2RV-SL700-AP DC24
				24 VAC/VDC	G2RV-SL700-AP AC/DC24
				48 VAC/VDC	G2RV-SL700-AP AC/DC48
				110 VAC	G2RV-SL700-AP AC110
				230 VAC	G2RV-SL700-AP AC230
		Push-in		12 VDC	G2RV-SL500-AP DC12
				24 VDC	G2RV-SL500-AP DC24
				24 VAC/VDC	G2RV-SL500-AP AC/DC24
				48 VAC/VDC	G2RV-SL500-AP AC/DC48
				110 VAC	G2RV-SL500-AP AC110
				230 VAC	G2RV-SL500-AP AC230

G2RV Input Modules with Slide Switch

Rated resistive load	Contact form	Socket terminals	LED indicator on socket	Coil voltage	Model
6 A @ 250 VAC	SPDT	Push-in	Yes	12 VDC	G2RV-SL500-AP DC12
				24 VDC	G2RV-SL500-AP DC24
				24 VAC/VDC	G2RV-SL500-APAC/DC24
				48 VAC/VDC	G2RV-SL500-AP AC/DC48
				110 VAC	G2RV-SL500-AP AC110
				230 VAC	G2RV-SL500-AP AC230
6 A @ 250 VAC	SPDT	Screw	Yes	12 VDC	G2RV-SL700-AP DC12
				24 VDC	G2RV-SL700-AP DC24
				24 VAC/VDC	G2RV-SL700-APAC/DC24
				48 VAC/VDC	G2RV-SL700-AP AC/DC48
				110 VAC	G2RV-SL700-AP AC110
				230 VAC	G2RV-SL700-AP AC230

G2RS Industrial Plug-in Relays

Slimline relay with enhanced features adds flexibility and durability to applications



- Color-coded coils to indicate AC (red) or DC (blue) relay for quick identification
- Lockable test button simplifies circuit diagnostics
- Color coded mechanical operation indicator (blue= DC, red=AC) provide easy identification of circuit
- Versions available with LED indicator
- DC Coil versions with surge suppression diode (across the coil) available

Applications

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

Markets

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

Ordering Information

Quick Link **R225** omron247.com

Rated resistive load	Contact form	Terminal type	LED indicator	Diode	Two position test button	Coil voltage	Model
10 A @ 250 VAC	SPDT	Plug-in	No	No	No	120 VAC	G2R-1-S AC120 (S)
10 A @ 250 VAC	SPDT	Plug-in	No	No	No	24 VDC	G2R-1-S DC24 (S)
10 A @ 250 VAC	SPDT	Plug-in	Yes	No	No	120 VAC	G2R-1-SN AC120 (S)
10 A @ 250 VAC	SPDT	Plug-in	Yes	Yes	No	24 VDC	G2R-1-SND DC24 (S)
10 A @ 250 VAC	SPDT	Plug-in	Yes	Yes	Yes	24 VDC	G2R-1-SNDI DC24 (S)
5 A @ 250 VAC	DPDT	Plug-in	No	No	No	24 VDC	G2R-2-S DC24 (S)
5 A @ 250 VAC	DPDT	Plug-in	Yes	No	No	120 VAC	G2R-2-SN AC120 (S)
5 A @ 250 VAC	DPDT	Plug-in	Yes	Yes	No	24 VDC	G2R-2-SND DC24 (S)
5 A @ 250 VAC	DPDT	Plug-in	Yes	Yes	Yes	24 VDC	G2R-2-SNDI DC24 (S)
5 A @ 250 VAC	DPDT	Plug-in	Yes	No	Yes	120 VAC	G2R-2-SNI AC120 (S)

Accessories (Order Separately) - Connecting Sockets

Applicable Relay Model	Track/Surface-mounting Socket		Back-mounting Socket	
	Screwless Clamp Terminal (see note.)	Screw Terminal	Terminals	Model
1 pole G2R-1-S(N)(D)(ND)(NI)(NDI)	P2RF-05-S + P2CM-S	P2RF-05-E P2RF-05	PCB terminals	P2R-05P, P2R-057P
			Solder terminals	P2R-05A
2 poles G2R-2-S(N)(D)(ND)(NI)(NDI)	P2RF-08-S + P2CM-S	P2RF-08-E P2RF-08	PCB terminals	P2R-08P, P2R-087P
			Solder terminals	P2R-08A

Note: 1. Use of P2CM Clips are optional. However, use of the P2CM Clip & Release Lever is recommended to ensure stable mounting.
 2. "-E" models are of finger-safe product construction. Round terminals cannot be used. Use Y-shaped terminals.

Accessories for Screwless Clamp Terminal Socket (Option)

Name	Model
Clip & Release Lever	P2CM-S
Nameplate	R99-11 Nameplate for MY
Socket Bridge	P2RM-SR (for AC), P2RM-SB (for DC)

G3NA Solid State Relays

The industry staple for more than 25 years due to it's wide operating voltages and high operating amperage.



- Contains no moving parts or contacts to wear out which extends life of the application
- Provides clean switching which generates very little electromagnetic interference
- Minimize surge and input noise by utilizing AC load models with zero cross
- Ease of wiring increase productivity and reduce labor costs
- Built in varistor prevents surges to protect output loads
- Global safety certifications

Applications

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

Markets

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

Ordering Information

Quick Link **R422** omron247.com

Input voltage	Load voltage	Load current	Size in mm L x W x H	Zero cross	Mounting	Model
5 to 24 VDC	24 to 240 VAC	0.1 to 5 A	58 x 43 x 30	Yes	Panel	G3NA-205B DC5-24
100 to 120 VAC	24 to 240 VAC	0.1 to 10 A	58 x 43 x 30	Yes	Panel	G3NA-210B AC100-120
5 to 24 VDC	24 to 240 VAC	0.1 to 10 A	58 x 43 x 30	Yes	Panel	G3NA-210B DC5-24
5 to 24 VDC	24 to 240 VAC	0.1 to 10 A	58 x 43 x 30	Yes	Panel	G3NA-210B-UTU DC5-24
100 to 120 VAC	24 to 240 VAC	0.1 to 20 A	58 x 43 x 30	Yes	Panel	G3NA-220B AC100-120
5 to 24 VDC	24 to 240 VAC	0.1 to 20 A	58 x 43 x 30	Yes	Panel	G3NA-220B DC5-24
5 to 24 VDC	24 to 240 VAC	0.1 to 40 A	58 x 43 x 30	Yes	Panel	G3NA-240B DC5-24
5 to 24 VDC	200 to 480 VAC	0.2 to 40 A	58 x 43 x 30	Yes	Panel	G3NA-440B-2 DC5-24
100 to 240 VAC	24 to 240 VAC	1.0 to 75 A	58 x 43 x 30	Yes	Panel	G3NA-275B-UTU-2 AC100-240
5 to 24 VDC	24 to 240 VAC	1.0 to 90 A	58 x 43 x 30	Yes	Panel	G3NA-290B-UTU-2 DC5-24
5 to 24 VDC	5 to 200 VDC	0.1 to 10 A	58 x 43 x 27	No	Panel	G3NA-D210B DC5-24
5 to 24 VDC	400 to 600 VAC	0.5 to 50 A	58 x 43 x 30	Yes	Panel	G3NA-650B DC5-24

Easy to use heat sink selection guide matches G3NA solid state relay with proper heatsink which ensures proper operation for your application.

G3NA (DIN rail mount & direct mount)

		Admissible Load Voltage			
		19 to 264 VAC	180 to 528 VAC	360 to 660 VAC	4 to 220 VAC
Load Current	~ 5A	Y92B-N50	-	-	-
	~ 10A				
	~ 20A	Y92B-N100			
	~ 25A	Y92B-N150			-
	~ 40A			-	-
	~ 50A	Y92B-P250			
	~ 75A	Y92B-P250NF		-	-
	~ 90A			-	-

K3MA Digital Panel Meters

Available as a process meter, a frequency/rate meter or a temperature meter. All are equipped with the same quality display and have the same short mounting depth of 80 mm.



Overall Benefits:

- Scaling values allows K3MA's to interface with PLC's
- Ideal for applications where remote or multiple displays are needed
- 2-Color display allows user to quickly identify application status
- NEMA 4X (IP66) rating provide water and dust-proof protection

Applications

- Plastic Injection Machines
- Shrink Wrap Machines
- Vertical Packaging Machines
- Safety Systems
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Markets

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- Security Detention Centers
- Energy

K3MA-J Process Meter

- The compact size saves panel space
- The diverse inputs allows the K3MA-J to be used in many applications
- Two color LED's can be programmed to change according to the status of the comparison criterion.
- The teaching function allows the user to specify value of parameters.
- Hysteresis comparative outputs can be set to prevent chattering in the output that is useful in monitoring various systems for malfunction or determining whether products are within acceptable limits.

K3MA-L Temperature Meter

- The compact size saves panel space
- Broad range of inputs allows the K3MA-L to be used in many applications
- Two color LED's can be programmed to change according to the status of the comparison criterion.
- Averaging processing function stabilizes displayed values to minimize flicker by averaging the fluctuating input signals.
- Level lockouts allows user to lock in settings and prohibit others from changing them.

K3MA-F Frequency/Rate Meter

- The compact size saves panel space
- The diverse inputs allows the K3MA-F to be used in many applications
- Two color LED's can be programmed to change according to the status of the comparison criterion.
- The startup compensation time cancels measurement for a predetermined time when turning power ON. This prevents unwanted output due to temporary input fluctuations.
- Auto-zero time sets the time for the display to return to zero when input pulses stop.

Ordering Information

K3MA-J	Quick Link	X324	omron247.com
K3MA-L	Quick Link	X329	omron247.com
K3MA-F	Quick Link	X323	omron247.com

Indicator	Supply voltage	Input type and ranges	Output	Model
Process meter	100 to 240 VAC	DC voltage: 0 to 5 V, 1 to 5 V, -5 to 5 V, -10 to 10 V	2 relay contact outputs (SPST-NO)	K3MA-J-A2 100-240VAC
	24 VAC/VDC		2 relay contact outputs (SPST-NO)	K3MA-J-A2 24VAC/VDC
Temperature meter	100 to 240 VAC	Platinum-resistance thermometer: Pt100, JPt100 Thermocouple: K, J, T, E, L, U, N, R, S, B	1 relay contact output (SPDT)	K3MA-L-C 100-240VAC
	24 VAC/VDC		1 relay contact output (SPDT)	K3MA-L-C 24VAC/VDC
Frequency/rate meter	100 to 240 VAC	Rotary pulse - No voltage: 0.05 to 30.00 Hz	2 relay contact outputs (SPST-NO)	K3MA-F-A2 100-240VAC
	24 VAC/VDC		2 relay contact outputs (SPST-NO)	K3MA-F-A2 24VAC/VDC

K3GN Digital Panel Meters

Features three panel meters in one! This 1/32 DIN size panel meter contains: process meter, RPM processor/tachometer and digital data display for PC/PLC.



- 1/32 DIN (24mm H x 48 mm W x 80 mm D) occupies little panel space.
- Programming options include RS-485 (via front panel).
- 6 different inputs: 4 - 20 mA, 0 - 20 mA, 1 - 5 VDC, 0 - 5VDC, -5 to 5 VDC, -10 to 10 VDC.
- 5-digit display is programmable in red or green which allows user to easily identify status of application
- Use as a general-purpose process meter, RPM tachometer, or a digital display for PCs and PLCs.
- $\pm 0.1\%$ full scale provides accuracy which can reduce material costs
- Selectable outputs: 2 relay outputs, 3 transistor outputs, RS-485 communications.

Applications

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

Markets

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

Ordering Information

Quick Link **X325** omron247.com

Input type	Supply voltage	Output	Model	
			No communications	RS-485
DC voltage/current, NPN	24 VDC	Dual relays (SPST-NO)	K3GN-NDC 24 DC	K3GN-NDC-FLK 24 DC
DC voltage/current, PNP		Dual relays (SPST-NO)	K3GN-PDC 24 DC	K3GN-PDC-FLK 24 DC