

PROMOTION

2019

OMRON

Terminals

UL
Certifi-
cations

plus
Value+

Electrical
control
CAD

Tempera-
ture
Controllers

1300 766 766
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Switch Mode Power Supplies

S8VK-C

- Universal input for worldwide applications
- 100 to 240VAC (85 to 264VAC)
- Direct DC input possible: 90 to 350VDC
- Operation temperature range: -25 to 60°C
- Compact dimensions for small spaces
- Easy DIN-rail mounting



Power Ratings	Input Voltage	Output Voltage	Output Current	Model	Price
60W	100 to 240VAC	24VDC	2.5A	S8VK-C06024	\$35
120W	100 to 240VAC	24VDC	5A	S8VK-C12024	\$55
240W	100 to 240VAC	24VDC	10A	S8VK-C24024	\$100
480W	100 to 240VAC	24VDC	20A	S8VK-C48024	\$180

Compact Switch Mode Power Supplies

S8VK-S

- Push-in terminals
- Operation possible at ambient temperatures from -40 to 70°C
- DC input supported (90 to 350 VDC)
- Power Boost function at 120%
- 36 % less in volume to achieve horizontal side-by-side mounting
- Vibration resistance to 5G, and 300-VAC abnormal input voltage supported for 1 second



Power Ratings	Input Voltage	Output Voltage	Output Current	Model	Price
60W	100 to 240VAC	24VDC	2.5A	S8VK-S06024	\$45
120W	100 to 240VAC	24VDC	5A	S8VK-S12024	\$65
240W	100 to 240VAC	24VDC	10A	S8VK-S24024	\$110
480W	100 to 240VAC	24VDC	20A	S8VK-S48024	\$190

Uninterruptible Power Supplies (UPS)

S8BA

- 24VDC Power Backup, ideal for IPCs in control panels
- DC to DC conversions with lithium-ion battery for efficient operation
- 2 digit 7-segment display, for easy monitoring
- Communication connection to IPC, for power monitoring



Capacity	Input Voltage	Output Voltage	Output Current	Model	Price
120W	24VDC	24VDC	5A	S8BA-24D24D120LF	\$500
240W	24VDC	24VDC	10A	S8BA-24D24D240LF	\$600
360W	24VDC	24VDC	15A	S8BA-24D24D360LF	\$700
480W	24VDC	24VDC	20A	S8BA-24D24D480LF	\$800

Three-phase input Power Supplies

S8VK-T

- Accepts two or three phase AC source voltage
- Wide input range for worldwide applications
- High efficiency, 91% typical



Capacity	Input Voltage	Output Voltage	Output Current	Model	Price
120W	380 to 480VAC (2 or 3 phase) or 450 to 600VDC	24VDC	5A	S8VK-T12024	\$95
240W		24VDC	10A	S8VK-T24024	\$155

22mm Pushbutton Switches

Assembled models 24VAC/DC IP66



Type	Illuminated	Contacts	Colour	Model	Price
Push button, metal bezel, flat type, momentary	Non illuminated	1 N/O	Green	A22NN-RNM-NGA-G100-NN	\$10
		1 N/O	Red	A22NN-RNM-NRA-G100-NN	\$10
	Illuminated	1 SPST-N/O	Green	A22NL-RNM-TGA-G100-GC	\$15
		1 SPST-N/O	Red	A22NL-RNM-TRA-G100-RC	\$15
Indicator, Plastic flat engraved shape	-	-	Green	M22N-BC-TGA-GC	\$10
			Red	M22N-BC-TRA-RC	\$10

Digital Temperature Controller Packages

E5CC-B-800 - Push-in terminals

E5CC-800 - Screw terminals

- Visibility improved by 15.2mm high, white PV display
- High-speed sampling at 50ms
- Short body with depth of only 60mm
- Independent heating/cooling PID loops
- Comes with K type Thermocouple w/2meter lead



Control Output 1	Auxiliary Outputs	Power supply voltage	Model Controller	Pack number	Price
Relay	Two	100 to 240 VAC	E5CC-RX2ABM-800	E5CC-B STARTER PACK 1	\$145
Voltage	Two	100 to 240 VAC	E5CC-QX2ABM-800	E5CC-B STARTER PACK 2	\$145
Relay	Two	100 to 240 VAC	E5CC-RX2ASM-800	E5CC STARTER PACK 1	\$145
Relay	Two	24 VAC/DC	E5CC-RX2DSM-800	E5CC STARTER PACK 2	\$145
Voltage	Two	100 to 240 VAC	E5CC-QX2ASM-800	E5CC STARTER PACK 3	\$145
Voltage	Two	24 VAC/DC	E5CC-QX2DSM-800	E5CC STARTER PACK 4	\$145

Slim I/O Relays

G2RV-SR

- Relay and base sold as one complete unit
- Mechanical indicator & integrated LED indicator on relay base
- Downsize panels by 25% over previous Omron relays
- Push-in Plus terminals or screw type terminals



Input Voltage	Terminals	Model	Price
24 VAC/DC	Push-In	G2RV-SR500 AC/DC24	\$9.00
230VAC	Push-In	G2RV-SR500 AC230	\$9.00
24 VAC/DC	Screw-In	G2RV-SR700 AC/DC24	\$9.00
230VAC	Screw-In	G2RV-SR700 AC230	\$9.00

I/O Relay Terminals

G70V

- Connect 16 I/O points with just one PLC cable
- Reduce wiring work with plug and play
- Push-in Plus technology



Function Type	Internal I/O Circuit Common	Model	Price
Input	PNP (+common)	G70V-SID16P-1	\$175
Output	PNP (-common)	G70V-SOC16P-1	\$160
2m cable single sided with connector for G70V relay terminal		XW2Z-RA200C	\$75
2m cable NX 16point plug with connector for G70V relay terminal		XW2Z-RA200C FOR NX	\$95

Solid-State Timers

H3DT & H3DS

- Multiple time ranges and 8 operating modes let you cover a wide range of applications
- Start signal control for the H3DS-ML
- DIN rail mount, Only 17.5mm in width



Supply voltage	Time Range	Control Output	Model	Price
24 to 240 VAC/DC	0.1 sec to 1200 hours	DPDT (time-limit DPDT, or timelimit SPDT + instantaneous SPDT)	H3DT-N2	\$39
24 to 230 VAC 24 to 48 VDC	0.1 sec to 120 hours	Contact output, SPDT (timed output)	H3DS-ML	\$39

Digital Timer / Counter Packs

H5CZ-L8 / H7CZ-L8

- Panel or DIN mount
- 8 pin plug-in
- Timer: 4 digit display, 15 operating modes
- Counter: 6 digit display, 8 output modes



Pack	Input Voltage	Output	Specifications	Model	Price
H5CZ-L8+P2CF-08	100-240 VAC	SPDT	10 time ranges between 0.001s to 9999hrs	H5CZ TIMER PACK	\$110
H7CZ-L8+P2CF-08	100-240 VAC	SPDT	Single stage preset	H7CZ COUNTER PACK	\$130

(panel mount adaptor sold separately)

Photoelectric Sensors

E3FA

- Light-ON / Dark-ON selectable
- Compact size, simple installation
- Robust waterproof housing
- 10-30VDC, IP67 / IP69K



E3JK

- Easy to wire and adjust
- Long sensing distances
- Visible spot beam
- Multi-voltage 24-240VAC/DC



Connection Method	Sensing Method	Sensing Distance	Plastic Case ABS		Price
			NPN Output	PNP Output	
M12 Connector	Through-beam	20m	E3FA-TN21	E3FA-TP21	\$50
	Retro-reflective	0.1 to 4m with E39-R1S	E3FA-RN21	E3FA-RP21	\$40
	Diffuse	300mm	E3FA-DN22	E3FA-DP22	\$40
Features	Sensing Method	Sensing Distance	Model		Price
Pre-Wired (2m) Relay Output SPDT 3A 250VAC	Through-beam	40m	E3JK-TR11		\$80
	Retroreflective (without MSR function)	9m with E39-R1S (sold separately)	E3JK-RR11		\$70
	Retroreflective (with MSR function)	7m with E39-R1S (sold separately)	E3JK-RR12		\$70
	Diffuse	2.5m	E3JK-DR11		\$65
		300mm	E3JK-DR12		\$60

High Performance Transparent Sensors

E3S-DB

- Reliable transparent object detection
- New double-slit optic design improves stability
- IP69K, resistance to detergents certified by Ecolab



Connection Method	Sensitivity Adjustment	Sensing Method	Sensing Distance	Output	Model	Price
M12 Connector	Smart teaching	Retro-Reflective (with MSR function)	500mm	NPN	E3S-DBN22	\$95
				PNP	E3S-DBP22	\$95

Colour Mark Sensors

E3S-DC (IO-Link)

- Stable detection of glossy and colorful packaging
- Able to detect subtle colour differences
- Standard sensor with IO-Link interface (IEC 61131-9) available



Connection Method	Sensing Method	Sensing Distance	IO-Link Baud Rate	Output	Model	Price
M12 Connector	Diffuse-Reflective (Mark Detection)	10±3mm	COM3 (230.4 kbps)	Push-Pull	E3S-DCP21-IL3	\$262
			N/A	NPN	E3S-DCN21	\$262

Cylindrical Proximity Sensors

E2B / E2E-IL (IO-Link)

- DC 3-wire shielded model
- IP67 for high protection in wet environments
- M12 connector



Features	Size	Sensing Distance	Output	Model	Price
Brass Thread Length:39mm Operation Mode: Normally Open (NO)	M18	8mm	PNP	E2B-M18KS08-M1-B1	\$25
			NPN	E2B-M18KS08-M1-C1	\$25
Pre-Wired (2m) IO-Link Baud Rate: COM3 (230.4 kbps)	M12	3mm	PNP	E2E-X3B4-IL3 2M	\$65
	M18	7mm		E2E-X7B4-IL3 2M	\$75

Sensor Accessories

Application	Description	Model	Price
Reflector	For E3S-DB	E39-R21	\$20.00
	For E3FA	E39-R1S	\$8.00
Mounting bracket	Side mounting for E3S-DB	E39-L193	\$9.00
M12 Connecting cable	Straight, 2m Four-wire	XS2F-M12PVC4S2M	\$8.00
	L-Shaped, 2m Four-wire	XS2F-M12PVC4A2M	\$8.00

New - Smart Identification / Vision Systems

- New Omron Microscan bundles
- Autofocus and IP67 protection Standard
- Interfaces for EtherNet/IP, ProfiNet I/O and RS232
- Configurable via weblink interface or downloadable software
- All bundles include mounting bracket, M12 I/O cable (3m) and Ethernet cable (3m)



Type	Accessories Included	Model	Price
Bar Code Reader	Ultra compact, can read 1D, 2D or DPM codes; 0.3M pixels	ID40 PACKAGE	\$2,055
Multi-code Reader	High speed, with print quality grading function; 1.2M pixels	V430-F PACKAGE	\$3,085
Smart Vision Camera	0.3M pixel system, suitable for F&B and Pharmaceutical applications	MV40 PACKAGE 1	\$2,770
	1.2M pixel system, suitable for F&B and Pharmaceutical applications	MV40 PACKAGE 2	\$3,595

Micro Automation Packs

- Ethernet connections used throughout
- All devices powered by 24V DC



Controller	Colour Touch Screen	Software	Pack Number	Price
CP1L-EL20DR-D 12 Inputs / 8 relay outputs	NB series, 5.6" 320 x 234 pixels 16 bit colours	CX-One Lite	MICROPK1	\$899
CP1L-EM30DR-D 18 Inputs / 12 relay outputs			MICROPK2	\$999
CP1L-EM40DR-D 24 Inputs / 16 relay outputs			MICROPK3	\$1,099
NX1P2 Machine Automation Controller 14 Inputs / 10 PNP outputs, EtherCAT, Ethernet IP	NA series, 7" 800 x 480 pixels 24 bit colours	SYSMAC Studio Lite Edition	NX1P2-9024DT1 NA5 SYSMAC	\$2,495
3-port Industrial Switch (unmanaged), with QoS			W4S1-03B	\$130

Inverters

MX2 Inverter

- Simple multi-purpose drive
- With built-in safety



RX Inverter

- Easy to use
- High capacity drive
- With winch and hoist control capability



Type	Power	Filters	Price	Inverters	Price
1 Phase 200V	0.4KW	AX-FIM1010-SE-V1	\$21	3G3MX2-AB004-V1	\$235
	0.75KW	AX-FIM1014-SE-V1	\$26	3G3MX2-AB007-V1	\$285
	1.5KW	AX-FIM1024-SE-V1	\$32	3G3MX2-AB015-V1	\$320
	2.2KW	AX-FIM1024-SE-V1	\$32	3G3MX2-AB022-V1	\$370
3 Phase 400V	0.4KW	AX-FIM3005-SE-V1	\$41	3G3MX2-A4004-V1	\$340
	0.75KW	AX-FIM3005-SE-V1	\$41	3G3MX2-A4007-V1	\$350
	1.5KW	AX-FIM3010-SE-V1	\$52	3G3MX2-A4015-V1	\$395
	2.2KW	AX-FIM3010-SE-V1	\$52	3G3MX2-A4022-V1	\$445
	3.0KW	AX-FIM3010-SE-V1	\$52	3G3MX2-A4030-V1	\$500
	4.0KW	AX-FIM3014-SE-V1	\$57	3G3MX2-A4040-V1	\$520
	5.5KW	AX-FIM3030-SE-V1	\$67	3G3MX2-A4055-V1	\$710
	7.5KW	AX-FIM3030-SE-V1	\$67	3G3MX2-A4075-V1	\$795
	11.0KW	AX-FIM3050-SE-V1	\$144	3G3MX2-A4110-V1	\$1,320
	15.0KW	AX-FIM3050-SE-V1	\$144	3G3MX2-A4150-V1	\$1,575
3 Phase 400V	18.5KW	Not required	-	3G3RX-A4185-V1	\$1,930
	22KW	Not required	-	3G3RX-A4220-V1	\$2,325
	30KW	Not required	-	3G3RX-A4300-V1	\$3,185
	37KW	Not required	-	3G3RX-A4370-V1	\$3,480

Programmable Safety Controller Packages

G9SP Package 1: G9SP-N20S + 2 x G7SA-3A1B DC24 + 2x P7SA-10F-ND DC24 + Software

G9SP Package 2: G9SP Package 1 + CP1W-CIF01 + CABLE-101 + NB5Q-TW01B

- Software-based standalone controller
- Configurable, flexible and simple
- ISO 13849-1 (PLe/Category 4), IEC61508 (SIL3) certified



Safety Door Switch Packages

D4NS Package 1: D4NS-4CF + D4DS-K2

D4NS Package 2: D4NS-8CF + D4DS-K2

- Gold contacts, handle standard and micro loads
- Single or Dual M20 conduit entry
- 2 NC / 1 NO slow action contacts
- Includes vertical mount operation key



Non Contact Safety Door Switches

Unique code: F3S-TGR-NLPU-21-05

Master code: F3S-TGR-NLPM-21-05

Master code (Short Body): F3S-TGR-NSPM-21-05

- RFID technology used, for greater tamper resistance
- Mechanically tolerant, accepts minor misalignment
- Option for master code (any key) or unique code (single key)
- Connections for up to 20 switches to Omron controller



Safety Monitoring Relays

G9SE-201 DC24

- New, compact (17.5mm width) safety monitoring relay
- Single or dual channel inputs, with LED indications
- Auto or manual reset
- 2 x 5A relay + 1 transistor outputs

Product	Safety Rating	Specifications		Model	Price
G9SP Package 1	PLe, SIL3	20 safety inputs, 8 solid state safety outputs and 6 test pulse		SAFETYPK-G9SPN20S-G7SA-P7SA	\$720
G9SP Package 2	PLe, SIL3	Pack 1 + RS-232C Option Board, 5 inch touchscreen		SAFETYPK2-G9SP-NB	\$1,049
Safety Door Switch Packages D4NS Package 1		1 x M20 conduit entry	2 NC / 1 NO slow action contacts	D4NS Pack 1	\$38
Safety Door Switch Packages D4NS Package 2		2 x M20 conduit entry	2 NC / 1 NO slow action contacts	D4NS Pack 2	\$60
Non Contact Safety Door Switch Unique code	PLe, SIL3	Unique code	Connect up to 20 switches	F3S-TGR-NLPU-21-05	\$104
Non Contact Safety Door Switch Master code	PLe, SIL3	Master code	Connect up to 20 switches	F3S-TGR-NLPM-21-05	\$104
Non Contact Safety Door Switch Master code (Short Body)	PLe, SIL3	Master code	Connect up to 20 switches	F3S-TGR-NSPM-21-05	\$104
Safety Monitoring Relay	PLe, SIL3	2 x 5A outputs, 1 transistor aux output		G9SE-201 DC24	\$125

Signal Tower Package

Package includes:

- Body unit, buzzer, red, yellow and green LED
- IP65 LED SIGNAL TOWER
- MODULAR, 70MM DIAMETER
- 24VDC, OFF WHITE



Product	Specifications	Model	Price
LED Signal Tower Bundle	Including body unit, buzzer, red, yellow and green LED	LR7-SET	\$210

Training



Courses	Days	Price
Introduction to PLCs: PLC training for beginners on our CJ2M PLCs, covering Ladder Diagrams, CX Programmer - Timers, Counters and other Instructions, Program Development, Maintenance and Troubleshooting.	2	\$990
Advanced PLC Programming: Further development on CX Programmer, including Data Shifting, Moving, Conversion, Comparison, along with Arithmetic and Logic Instructions. Analog I/O is also covered, along with an introduction to Networking.	2	\$990
Function Block Programming: Introduction to Function Block, creation and modification of them using Ladder Diagram, and Structured Text, along with Error Handling.	1	\$495
Touch Screen Programming: Separate Courses for NS, NA and NB series of HMIs, covering creating screens with lamps, switches and data entry objects, along with using analogue meters and other graphical objects.	1	\$495
Network Communications: Networking theory along with FINS protocol and routing tables. Introduction to CX Integrator and Network Configuration software, communicating via SEND and RECV instructions.	1	\$495
NJ Automation: Introduction to NJ PLCs and Sysmac Studio Software, along with IEC 61131-3 style programming: Programs, Functions, Function Blocks, Tasks and cycle time.	2	\$990
NJ Motion: Introduction to Servo hardware and parameters, setting up Axis, Programming via PLCopen Function Blocks: Continuous moves, Discrete moves with Blending, Synchronous moves, and Coordinated moves.	2	\$990
NJ-NX Safety: Introduction to Machine Safety, safety programming according to safety categories (ISO 13849-1) using Function Blocks, along with practical exercises involving actual safety devices.	2	\$990
Introduction to Vision System: Introduction to Vision and FH_FZ_FJ software, selecting lighting and lens, configuration of Controller and measurement tools, setting up scenes and measurement windows and tolerance	1	\$495
Advanced Vision System: Further development on FH_FZ_FJ software, including Position Compensation, Output Selection, Wiring and I/O Setup, Communications, usage of Multiple Cameras, and also covering USB or SD card for Backup	1	\$495

To register, please visit www.omron.com.au/service_support/training

For custom, non-scheduled and product specific training - please contact Omron at 1300 766 766

Disclaimer:

All prices are in AUD excluding GST, while stocks last.

Omron reserve the right to end the promotion at anytime without notice

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