

OMRON Power Relays



OMRON MGN SERIES: HEAVY-DUTY 30A OPEN FRAME POWER RELAYS

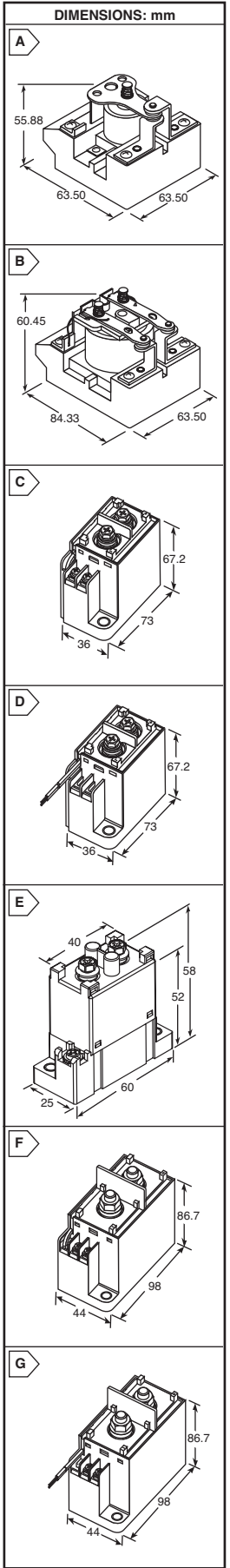
Specifications:

- Contact Ratings: 30A or 1-1/2HP @ 120 or 240VAC
- Class F coil insulation system
- Coil molded in DuPont Rynite® for environmental protection
- Terminals riveted to base



For quantities of 500 and up, call for quote.

MOUSER STOCK NO.	Omron Part No.	Fig.	Rated Coil Voltage	Contact Form	Base Size	Price Each			
						1	25	50	100
653-MGN1C-DC12	MGN1C-DC12	A	12VDC	SPDT	Short	29.42	28.49	27.97	26.93
653-MGN1C-DC24	MGN1C-DC24	A	24VDC	SPDT	Short	26.37	25.53	25.07	24.14
653-MGN1C-AC24	MGN1C-AC24	A	24VAC	SPDT	Short	26.79	25.94	25.47	24.53
653-MGN1C-AC120	MGN1C-AC120	A	120VAC	SPDT	Short	29.26	28.33	27.82	26.79
653-MGN1X-DC12	MGN1X-DC12	A	12VDC	SPST-NO-DM	Short	25.21	24.42	23.97	23.08
653-MGN1X-DC24	MGN1X-DC24	A	24VDC	SPST-NO-DM	Short	26.47	25.63	25.16	24.23
653-MGN1X-AC120	MGN1X-AC120	A	120VAC	SPST-NO-DM	Short	23.71	22.96	22.54	21.71
653-MGN2A-DC12	MGN2A-DC12	A	12VDC	DPST-NO	Short	30.10	29.14	28.61	27.55
653-MGN2A-DC24	MGN2A-DC24	A	24VDC	DPST-NO	Short	30.05	29.10	28.57	27.51
653-MGN2A-AC120	MGN2A-AC120	A	120VAC	DPST-NO	Short	34.96	33.85	33.23	32.00
653-MGN2C-DC12	MGN2C-DC12	B	12VDC	DPDT	Long	42.89	41.53	40.78	39.27
653-MGN2C-DC24	MGN2C-DC24	B	24VDC	DPDT	Long	41.52	40.20	39.47	38.01
653-MGN2C-AC24	MGN2C-AC24	B	24VAC	DPDT	Long	43.39	42.02	41.25	39.73
653-MGN2C-AC120	MGN2C-AC120	B	120VAC	DPDT	Long	37.18	36.01	35.35	34.04



OMRON G9EA-1 SERIES: 60A AND 100A DC POWER RELAYS

Specifications:

- Contact form: SPST-NO
- Power consumption: 5W
- Contact terminals: M5 Screw terminals
- Switching section and driving section are gas-injected and hermetically sealed
- Sealed construction requires no arc space and ensures safe applications
- No restrictions on the mounting direction
- Maximum interruption current: G9EA-1(B) - 600A at 300VDC (5 times)

Relays come with 2 M5 screws for the contact terminals

For quantities of 50 and up, call for quote.

MOUSER STOCK NO.	Omron Part No.	Fig.	Rated Coil Voltage	Rated Contact Carry Current	Coil Terminals	Price Each			
						1	5	10	20
653-G9EA-1-B-DC12	G9EA-1-B-DC12	C	12VDC	60A	M3.5 Screw terminals	121.94	108.75	105.46	100.19
653-G9EA-1-B-DC24	G9EA-1-B-DC24	C	24VDC	60A	M3.5 Screw terminals	121.94	108.75	105.46	100.19
653-G9EA-1-DC12	G9EA-1-DC12	D	12VDC	60A	220mm Lead wires	121.94	108.75	105.46	100.19
653-G9EA-1-DC24	G9EA-1-DC24	D	24VDC	60A	220mm Lead wires	121.94	108.75	105.46	100.19
653-G9EA-1-B-CA-DC12	G9EA-1-B-CA-DC12	C	12VDC	100A	M3.5 Screw terminals	144.11	128.53	124.63	118.40
653-G9EA-1-B-CA-DC24	G9EA-1-B-CA-DC24	C	24VDC	100A	M3.5 Screw terminals	144.11	128.53	124.63	118.40

Accessories

For quantities of 50 and up, call for quote.

MOUSER STOCK NO.	Omron Part No.	Description	Price Each			
			1	5	10	20
653-P9EA-C	P9EA-C	Terminal Cover for G9EA	2.62	2.44	2.32	2.23

OMRON G9EB-1 SERIES: 25A DC POWER RELAYS

Specifications:

- Contact form: SPST-NO
- Power consumption: 2W
- Contact terminals: M4 Screw terminals
- Gas-filled, fully sealed, non-ceramic construction achieved by using resin with a metal case reduces the need for special processing and materials previously required.
- Maximum interruption current: 100A @ 250VDC (5 times)



RoHS Compliant

Relays come with 2 M4 screws for the contact terminals

For quantities of 50 and up, call for quote.

MOUSER STOCK NO.	Omron Part No.	Fig.	Rated Coil Voltage	Rated Contact Carry Current	Coil Terminals	Price Each			
						1	5	10	20
653-G9EB-1-B-DC12	G9EB-1-B-DC12	E	12VDC	166.7mA	M4 Screw terminals	143.91	129.16	121.77	118.08
653-G9EB-1-B-DC24	G9EB-1-B-DC24	E	24VDC	83.3mA	M4 Screw terminals	109.22	97.41	94.46	89.74

OMRON G9EC-1 SERIES: 200A DC POWER RELAYS

Specifications:

- Contact form: SPST-NO
- Power consumption: 11W
- Maximum interruption current: 1000 A at 400VDC (10 times)
- Switching section and driving section are gas-injected and hermetically sealed.
- Sealed construction requires no arc space and ensures safe applications.
- No restrictions on the mounting direction



RoHS Compliant

Relays come with 2 M8 nuts for the contact terminals

For quantities of 50 and up, call for quote.

MOUSER STOCK NO.	Omron Part No.	Fig.	Rated Coil Voltage	Rated Contact Carry Current	Coil Terminals	Price Each			
						1	5	10	20
653-G9EC-1-B-DC24	G9EC-1-B-DC24	F	24VDC	200A	M3.5 Screw terminals	243.88	217.51	210.92	200.37
653-G9EC-1-DC12	G9EC-1-DC12	G	12VDC	200A	220mm Lead wires	243.88	217.51	210.92	200.37



General Purpose Relays Omron