

OMRON General Purpose Relays



OMRON MY/MY-S SERIES: GENERAL PURPOSE RELAYS

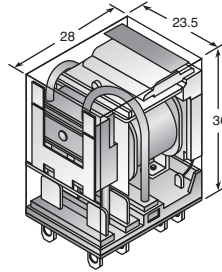
DIMENSIONS: mm

Specifications:

- Operate/Release time: 25/25 ms
- Mechanical Life: AAC-50 million operations min. (at 18,000/hr.)
- DC-1 billion operations min. (at 18,000/hr.)
- Insulation resistance: 1000 MΩ min. (at 500VDC)

Features:

- Versatile, multi-featured, miniature power relay for sequence control and power switching applications
- Plug-in socket/solder terminals
- Arc barrier equipped
- High dielectric strength (2000VAC)
- Contact rating/carry current: 2-pole 10A, 4-pole 5A
- Environmental-friendly cadmium-free contacts
- Max. switching current: 2-pole - 10A, 4-pole - 5A
- Provided with nameplate
- Resistive Load: 2-pole - 5A, 250VAC; 5A, 30VDC
- 4-pole - 3A, 250VAC; 3A, 30VDC



For quantities of 500 and up, call for quote.

MOUSER STOCK NO.	Omron Part No.	Type	Contact Form	Coil Voltage	Price Each			
					1	25	50	100
Without LED indicator								
653-MY2-AC24	MY2-AC24(S)	Standard	DPDT	24 VAC	4.62	4.38	3.91	3.79
653-MY2-AC1	MY2-AC110/120(S)	Standard	DPDT	110/120 VAC	4.26	3.99	3.82	3.66
653-MY2AC220240S	MY2 AC220/240 (S)	Standard	DPDT	220/240 VAC	4.87	4.57	4.37	4.18
653-MY2-DC12	MY2-DC12(S)	Standard	DPDT	12 VDC	4.62	4.38	3.91	3.79
653-MY2-DC24	MY2-DC24(S)	Standard	DPDT	24 VDC	4.62	4.38	3.91	3.79
653-MY2KAC120	MY2K AC120	Latching	DPDT	120 VAC	51.61	50.31	47.73	42.57
653-MY2KDC12	MY2K DC12	Latching	DPDT	12 VDC	17.60	16.69	15.61	14.44
653-MY2K-DC24	MY2K-DC24	Latching	DPDT	24 VDC	16.15	15.32	14.33	13.25
653-MY2K-USDC24	MY2K-US DC24	Latching	DPDT	24 VDC	16.56	15.32	14.91	14.32
653-MY3-AC24	MY3-AC24	Standard	3PDT	24 VAC	6.52	6.19	5.52	5.35
653-MY4AC12(S)	MY4 AC12 (S)	Standard	4PDT	12 VAC	4.92	4.61	4.40	4.21
653-MY4AC48/50(S)	MY4 AC48/50 (S)	Standard	4PDT	48/50 VAC	6.52	6.19	5.52	5.35
653-MY4DC48(S)	MY4 DC48 (S)	Standard	4PDT	48 VDC	5.12	4.77	4.57	4.40
653-MY4DC100/110S	MY4 DC100/110 (S)	Standard	4PDT	100/110 VDC	6.64	6.31	5.82	5.64
* 653-MY4-02-AC110-120	MY4-02-AC110-120	Standard	4PDT	110/120 VAC	5.93	5.63	5.31	5.03
* 653-MY4-02-DC12	MY4-02-DC12	Standard	4PDT	12 VDC	5.93	5.63	5.31	5.03
* 653-MY4-02DC24	MY4-02 DC24	Standard	4PDT	24 VDC	5.93	5.63	5.31	5.03
653-MY4-AC24	MY4-AC24(S)	Standard	4PDT	24 VAC	4.92	4.61	4.40	4.21
653-MY4-AC1	MY4-AC110/120(S)	Standard	4PDT	110/120 VAC	5.12	4.77	4.57	4.40
653-MY4-AC220-240S	MY4-AC220-240S	Standard	4PDT	220/240 VAC	6.64	6.31	5.82	5.64
653-MY4-DC6	MY4-DC6	Standard	4PDT	6 VDC	8.75	7.80	7.09	6.22
653-MY4-DC12	MY4-DC12(S)	Standard	4PDT	12 VDC	4.92	4.61	4.40	4.21
653-MY4-DC24	MY4-DC24(S)	Standard	4PDT	24 VDC	4.91	4.61	4.40	4.21
**653-MY4E-02-AC24	MY4E-02-AC24	Standard	4PDT	24 VAC	6.79	6.44	5.75	5.57
**653-MY4H-USDC24	MY4H-US DC24	Hermetically Sealed	4PDT	24 VDC	35.46	33.04	31.63	30.42
653-MY4ZAC24S	MY4Z AC24 (S)	Standard	4PDT (bifurcated)	24 VAC	12.61	11.35	10.75	10.09
653-MY4Z-AC110/120	MY4Z-AC110/120	Standard	4PDT (bifurcated)	110/120 VAC	8.12	7.57	7.24	6.97
Standard with LED Indicator								
653-MY2N-AC220/240S	MY2N-AC220/240(S)	Standard	DPDT	220/240 VAC	6.22	5.79	5.55	5.09
653-MY2N-CRAC110120S	MY2N-CR AC110/120 (S)	With built-in CR	DPDT	110/120 VAC	11.85	11.05	10.57	10.17
653-MY2N-DC12S	MY2N-DC12(S)	Standard	DPDT	12 VDC	5.18	4.92	4.38	4.25
653-MY2N-DC24S	MY2N-DC24(S)	Standard	DPDT	24 VDC	5.18	4.92	4.38	4.25
653-MY2N-D2-DC24S	MY2N-D2-DC24S	Standard	DPDT	24 VDC	9.36	8.72	8.35	8.03
653-MY3N-AC1	MY3N-AC110/120	Standard	3PDT	110/120 VAC	8.47	8.26	7.84	6.99
653-MY4N-AC24S	MY4N-AC24(S)	Standard	4PDT	24 VAC	5.53	5.16	4.94	4.75
653-MY4NAC220240S	MY4N AC220/240 (S)	Standard	4PDT	220/240 VAC	6.29	5.86	5.61	5.40
653-MY4N-CRAC110120S	MY4N-CR AC110/120 (S)	With built-in CR	4PDT	110/120 VAC	12.86	11.99	11.48	11.04
653-MY4N-DC12(S)	MY4N-DC12(S)	Standard	4PDT	12 VDC	5.53	5.16	4.94	4.75
653-MY4N-DC24S	MY4N-DC24(S)	Standard	4PDT	24 VDC	5.45	5.16	4.94	4.75
653-MY4N-DC100/110S	MY4N-DC100/110S	Standard	4PDT	100/110 VDC	6.29	5.86	5.61	5.40
653-MY4N-D2-DC24S	MY4N-D2-DC24S	Standard	4PDT	24 VDC	10.37	9.66	9.25	8.90
653-MY4ZN-AC1S	MY4ZN-AC110/120(S)	Standard	4PDT (bifurcated)	110/120 VAC	12.22	11.45	10.94	10.47
653-MY4ZNDC12S	MY4ZN DC12 (S)	Standard	4PDT (bifurcated)	12 VAC	14.72	13.25	12.54	11.78
653-MY4ZN-DC24S	MY4ZN-DC24(S)	Standard	4PDT (bifurcated)	24 VDC	11.48	10.89	9.72	9.42
653-MY4ZN-D2DC24S	MY4ZN-D2 DC24 (S)	With built-in diode	4PDT (bifurcated)	24 VDC	19.14	17.95	16.16	15.30
With LED Indicator and Lockable Test Button								
653-MY2INAC24S	MY2IN AC24 (S)	Standard	DPDT	24 VAC	4.87	4.57	4.37	4.18
653-MY2INAC110120S	MY2IN AC110/120 (S)	Standard	DPDT	110/120 VAC	5.12	4.77	4.57	4.40
653-MY2INDC12(S)	MY2IN DC12 (S)	Standard	DPDT	12 VDC	4.87	4.57	4.37	4.18
653-MY2INDC24S	MY2IN DC24 (S)	Standard	DPDT	24 VDC	4.87	4.57	4.37	4.18
653-MY4IN-AC24	MY4IN-AC24(S)	Standard	4PDT	24 VAC	5.85	5.45	5.22	5.02
653-MY4INAC110120S	MY4IN AC110/120 (S)	Standard	4PDT	110/120 VAC	5.94	5.54	5.30	5.10
653-MY4INAC220240S	MY4IN AC220/240 (S)	Standard	4PDT	220/240 VAC	7.54	6.97	6.78	6.52
653-MY4INDC12S	MY4IN DC12 (S)	Standard	4PDT	12 VDC	5.85	5.45	5.22	5.02
653-MY4IN-DC24(S)	MY4IN-DC24(S)	Standard	4PDT	24 VDC	5.85	5.45	5.22	5.02
Reverse Coil Polarity with LED Indicator								
653-MY2N1-D2DC24(S)	MY2N1-D2 DC24 (S)	Standard	DPDT	24 VDC	11.69	11.39	10.81	9.64

*PBC Terminals

**AgCdO contacts and PCB terminals

Accessories for MY Series

For quantities of 500 and up, call for quote.

MOUSER STOCK NO.	Omron Part No.	Description	Price Each			
			1	25	50	100
653-PY08	PY08	Back connecting socket for DPDT, solder terminals	1.12	1.06	.95	.92
653-PY08-02	PY08-02	Back connecting socket for DPDT, PCB terminals	1.12	1.06	.95	.92
653-PYF08A-E	PYF08A-E	Track mounted socket for DPDT	4.62	4.50	4.27	3.81
653-PY14	PY14	Back connecting socket for 4PDT, solder terminals	1.56	1.48	1.32	1.28
653-PY14-02	PY14-02	Back connecting socket for 4PDT, PCB terminals	1.56	1.48	1.32	1.28
653-PYF14A-E	PYF14A-E	Track mounted socket for 4PDT	6.71	6.55	6.21	5.25
653-PYF14S	PY14S	Screwless clamp terminal socket for 4PDT	9.43	8.85	8.45	8.09
653-PYC-A1	PYC-A1	Hold-down clip for track mounted socket	.25	.24	.23	.21
653-PYC-P	PYC-P	Hold-down clip for back connecting socket	.25	.24	.23	.21
653-PFP-M	PFP-M	DIN rail end stop plate	.62	.61	.57	.51
653-PFP-100N	PFP-100N	DIN rail 100cm (39")	5.92	5.56	5.28	4.71