

OMRON General Purpose Relays



OMRON MY SERIES: GENERAL PURPOSE, MINIATURE POWER RELAYS

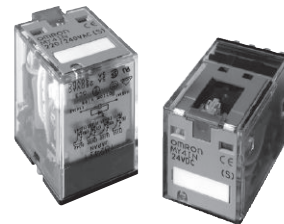
Specifications:

- Operating frequency: Mechanical 18,000 operations/hr. Electrical 1,800 operations/hr. (under rated load)
- Insulation resistance: 1000MQ min. (@ 500VDC)
- Operate/release time: 20ms. max.

- Power Consumption: AC < 50V: 1.0 - 1.2VA (60Hz) AC > 50V: 0.9 - 1.1VA (60Hz) DC: 0.9W
- Terminals: Plug-in socket/solder

Features:

- Versatile, multi-featured, miniature power relay for sequence control and power switching applications
- Maximum switching current: 10A 2-Pole, 5A 4-Pole
- Provided with nameplate



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Omron Part No.	Contact Form	Coil Resistance (Ω)	Coil Voltage	Rated Current (mA)		Price Each			
					50Hz	60Hz	1	25	50	100
Without LED Indicator, Standard Coil Polarity										
653-MY2-AC24	MY2-AC24(S)	DPDT	180.0	24VAC	53.8	46.0	4.83	4.53	4.33	4.14
653-MY2-AC1	MY2-AC110/120(S)	DPDT	4430.0	110/120VAC	9.9/10.8	8.4/9.2	4.26	3.99	3.82	3.66
653-MY2AC220240S	MY2 AC220/240 (S)	DPDT	18790.0	220/240VAC	4.8/5.3	4.2/4.6	5.66	5.31	5.08	4.85
653-MY2-DC12	MY2-DC12(S)	DPDT	160.0	12VDC	75.0	75.0	4.83	4.53	4.31	4.14
653-MY2-DC24	MY2-DC24(S)	DPDT	636.0	24VDC	37.7	37.7	4.91	4.67	4.52	4.18
* 653-MY2-02DC24	MY2-02 DC24	DPDT	650.0	24VDC	36.9	36.9	6.53	5.80	5.22	4.93
653-MY4DC48(S)	MY4 DC48 (S)	4PDT	2560.0	48VDC	18.8	18.8	5.12	4.77	4.57	4.40
653-MY4DC100110S	MY4 DC100/110 (S)	4PDT	11100.0	110/120VDC	9.0/9.9	9.0/9.9	6.37	5.96	5.69	5.45
* 653-MY4-02-AC110-120	MY4-02-AC110-120	4PDT	4430.0	110/120VAC	9.9/10.8	8.4/9.2	7.00	6.52	6.25	6.02
* 653-MY4-02DC6	MY4-02 DC6	4PDT	39.8	6VDC	151.0	151.0	22.09	20.56	19.45	18.27
* 653-MY4-02-DC12	MY4-02-DC12	4PDT	160.0	12VDC	75.0	75.0	6.67	6.33	5.97	5.65
* 653-MY4-02DC24	MY4-02 DC24	4PDT	636.0	24VDC	37.7	37.7	6.44	6.25	6.03	5.77
* 653-MY4-02-DC48	MY4-02-DC48	4PDT	2560.0	48VDC	18.8	18.8	16.32	14.67	13.89	13.04
653-MY4AC12(S)	MY4 AC12 (S)	4PDT	46.0	12VAC	106.5	91.0	4.92	4.61	4.40	4.21
653-MY4-AC24	MY4-AC24(S)	4PDT	180.0	24VAC	53.8	46.0	5.53	5.18	4.94	4.73
653-MY4-AC1	MY4-AC110/120(S)	4PDT	4430.0	110/120VAC	9.9/10.8	8.4/9.2	5.26	4.93	4.71	4.51
653-MY4-AC220-240S	MY4-AC220-240S	4PDT	18790.0	220/240VAC	4.8/5.3	4.2/4.6	5.60	5.22	5.00	4.81
653-MY4DC6S	MY4-DC6(S)	4PDT	39.8	6VDC	151.0	151.0	15.37	14.49	13.72	12.89
653-MY4-DC12	MY4-DC12(S)	4PDT	160.0	12VDC	75.0	75.0	4.92	4.61	4.40	4.21
653-MY4-DC24	MY4-DC24(S)	4PDT	636.0	24VDC	37.7	37.7	5.88	5.59	5.41	5.00
653-MY4H-USDC24	MY4H-US DC24	4PDT	636.0	24VDC	37.7	37.7	45.43	42.75	40.38	38.94
653-MY4Z-DC24S	MY4Z-DC24(S)	4PDT (bifurcated)	636.0	24VDC	37.7	37.7	21.64	21.10	20.01	17.84
653-MY4ZAC24S	MY4Z AC24 (S)	4PDT (bifurcated)	180.0	24VAC	53.8	46.0	10.59	10.02	9.63	9.08
With LED Indicator, Standard Coil Polarity										
653-MY2N-AC24S	MY2N-AC24(S)	DPDT	180.0	24VAC	53.8	46.0	9.65	9.22	8.55	8.23
653-MY2N-AC1S	MY2N-AC110/120(S)	DPDT	4430.0	110/120VAC	9.9/10.8	8.4/9.2	5.57	5.23	4.99	4.78
653-MY2N-AC220/240S	MY2N-AC220/240(S)	DPDT	18790.0	220/240VAC	4.8/5.3	4.2/4.6	6.10	5.73	5.43	5.00
653-MY2N-DC12S	MY2N-DC12(S)	DPDT	160.0	12VDC	75.0	75.0	6.32	5.47	5.29	5.12
653-MY2N-DC24S	MY2N-DC24(S)	DPDT	636.0	24VDC	37.7	37.7	5.39	5.05	4.83	4.62
653-MY4N-AC24S	MY4N-AC24(S)	4PDT	180.0	24VAC	53.8	46.0	6.41	6.00	5.72	5.47
653-MY4N-AC110/120S	MY4N-AC110/120S	4PDT	4430.0	110/120VAC	9.9/10.8	8.4/9.2	14.47	13.98	13.34	12.73
653-MY4NAC220240S	MY4N AC220/240 (S)	4PDT	18790.0	220/240VAC	4.8/5.3	4.2/4.6	7.50	6.99	6.69	6.44
653-MY4N-DC12(S)	MY4N-DC12(S)	4PDT	160.0	12VDC	75.0	75.0	5.46	5.16	4.91	4.71
653-MY4N-DC24S	MY4N-DC24(S)	4PDT	636.0	24VDC	37.7	37.7	7.46	7.17	6.84	6.45
653-MY4ZN-AC1S	MY4ZN-AC110/120(S)	4PDT	4430.0	110/120VAC	9.9/10.8	8.4/9.2	12.22	10.02	9.60	9.24
653-MY4ZNC12S	MY4ZN DC12 (S)	4PDT	160.0	12VDC	75.0	75.0	14.72	13.25	11.77	10.60
653-MY4ZN-DC24S	MY4ZN-DC24(S)	4PDT	636.0	24VDC	37.7	37.7	13.15	12.48	11.14	10.79
With LED Indicator and Built-In Diode, Standard Coil Polarity										
653-MY2N-D2-DC24S	MY2N-D2-DC24S	DPDT	636.0	24VDC	37.7	37.7	9.26	8.72	8.34	7.86
653-MY4N-D2-DC24S	MY4N-D2-DC24S	4PDT	636.0	24VDC	37.7	37.7	10.44	9.78	9.32	8.98
653-MY4ZN-D2DC24S	MY4ZN-D2 DC24 (S)	4PDT (bifurcated)	636.0	24VDC	37.7	37.7	36.67	25.73	24.64	23.72
With LED Indicator and Built-In Capacitor Resistor, Standard Coil Polarity										
653-MY2N-CRAC110120S	MY2N-CR AC110/120 (S)	DPDT	4430.0	110/120VAC	9.9/10.8	8.4/9.2	11.85	11.05	10.57	10.17
653-MY4N-CRAC110120S	MY4N-CR AC110/120 (S)	4PDT	4430.0	110/120VAC	9.9/10.8	8.4/9.2	12.70	11.90	11.40	10.99
With LED Indicator and Lockable Test Button, Reverse Coil Polarity										
653-MY2INAC24S	MY2IN AC24 (S)	DPDT	180.0	24VAC	53.8	46.0	6.72	6.33	5.97	5.76
653-MY2INDC12(S)	MY2IN DC12 (S)	DPDT	160.0	12VDC	75.0	75.0	6.02	5.65	5.40	5.16
653-MY2INDC24S	MY2IN DC24 (S)	DPDT	636.0	24VDC	37.7	37.7	4.87	4.57	4.37	4.18
653-MY4IN-AC24	MY4IN-AC24(S)	4PDT	180.0	24VAC	53.8	46.0	7.30	7.00	6.50	5.98
653-MY4INAC110120S	MY4IN AC110/120 (S)	4PDT	4430.0	110/120VAC	9.9/10.8	8.4/9.2	6.02	5.65	5.39	5.20
653-MY4INAC220240S	MY4IN AC220/240 (S)	4PDT	18790.0	220/240VAC	4.8/5.3	4.2/4.6	7.53	6.97	6.78	6.52
653-MY4INDC12S	MY4IN DC12 (S)	4PDT	160.0	12VDC	75.0	75.0	6.00	5.55	5.30	5.15
653-MY4IN-DC24(S)	MY4IN-DC24(S)	4PDT	636.0	24VDC	37.7	37.7	7.09	6.64	6.34	6.07

* PBC Terminals ** Hermetically sealed

Accessories for MY

MOUSER STOCK NO.	Omron Part No.	Description	Price Each			
			1	25	50	100
653-PFP-100N	PFP-100N	DIN rail 100cm (39")	6.06	5.70	5.38	5.10
653-PFP-50N	PFP-50N	DIN rail 50cm (19.7")	4.64	4.08	3.64	3.29
653-PFP-M	PFP-M	DIN rail end stop plate	.65	.51	.50	.49
653-PFP-S	PFP-S	DIN rail spacer	.43	.35	.31	.28
653-PY08	PY08	Back connect socket for DPDT, solder terminals	1.22	1.15	1.08	1.03
653-PY08-02	PY08-02	Back connect socket for DPDT, PCB terminals	1.16	1.09	1.04	.993
653-PY14	PY14	Back connect socket for 4PDT, solder terminals without hold-down clip	1.69	1.61	1.45	1.37
653-PY14-02	PY14-02	Back connect socket for 4PDT, PCB terminals without hold-down clip	1.61	1.52	1.45	1.39
653-PYC-A1	PYC-A1	Hold-down clip for track mounted socket DPDT	.24	.23	.218	.21
653-PYC-P	PYC-P	Hold-down clip for back connect socket	.26	.238	.227	.216
653-PYC-P2	PYC-P2	Push-to-test hold-down clip for back connect socket	1.43	1.35	1.31	1.25
653-PYF08A-E	PYF08A-E	Track mounted socket for DPDT	4.91	4.62	4.36	4.13
653-PYF14A-E	PYF14A-E	Front connect socket w/screw terminals without hold-down clip and track mounted for 4PDT	6.44	6.25	6.03	5.77
653-Y92H-3	Y92-H3	Hold-down clip for track mounted socket and RC circuit	1.70	1.53	1.38	1.27