

Pilot Lights

OMRON M165 SERIES: 16MM ILLUMINATED PILOT LIGHTS

Features:

- 2-Piece snap-together construction
- "Snap-in" switch unit for quick and easy, tool-free assembly
- Short mounting depth, less than 28.5mm below panel
- Indicator without the switch for circuit status or warning

LED Specifications:

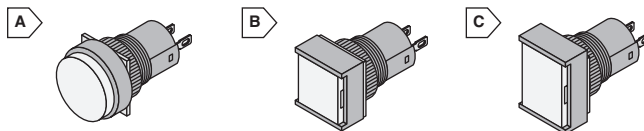
- Rated current: 10mA
- Operating voltage: 24 VAC/DC
- Internal limiting resistor: 1600 Ohms

Specifications:

- Degree of protection: IP65
- Termination: .110" solder terminals
- Contact rating: 3A @ 30 VDC/250 VAC; 5A @ 125 VAC

Incandescent Lamp Specifications:

- Rated current: 24mA
- Operating voltage: 24 VAC/DC



Types with transformer light source may be lit by directly applying 110 VAC/DC to the lamp terminal.

Note: Actual color of yellow pushbuttons more closely resembles amber than true yellow.

Each unit includes operational unit, LED or lamp, and lamp socket.



For quantities of 100 and up, call for quote.

MOUSER STOCK NO.	Omron Part No.	Fig.	Cap/LED Color	Actuator Type	Illumination Method	Price Each			
						1	10	25	50
653-M165-TR-24D	M165-TR-24D	A	Red	Round extended	24 VAC/DC LED	10.00	9.76	9.45	9.10
653-M165-TG-24D	M165-TG-24D	A	Green	Round extended	24 VAC/DC LED	10.00	9.75	9.11	8.87
653-M165-TY-24D	M165-TY-24D	A	Yellow	Round extended	24 VAC/DC LED	10.00	9.75	9.11	8.87
653-M165-TW-24D	M165-TW-24D	A	White	Round extended	24 VAC/DC LED	10.45	9.75	9.15	8.87
653-M165-TG-T1	M165-TG-T1	A	Green	Round extended	24 VAC/DC LED with transformer	39.06	37.73	36.55	35.39
653-M165-TY-T1	M165-TY-T1	A	Yellow	Round extended	24 VAC/DC LED with transformer	39.06	37.73	36.55	35.39
653-M165-TW-T1	M165-TW-T1	A	White	Round extended	24 VAC/DC LED with transformer	29.92	27.55	25.05	22.42
653-M165-TR-24	M165-TR-24	A	Red	Round extended	24 VAC Incandescent lamp	9.75	9.02	8.57	8.10
653-M165-TG-24	M165-TG-24	A	Green	Round extended	24 VAC Incandescent lamp	9.75	9.02	8.57	8.10
653-M165-TW-24	M165-TW-24	A	White	Round extended	24 VAC Incandescent lamp	9.75	9.02	8.57	8.10
653-M165-AG-24D	M165-AG-24D	B	Green	Square, guarded 2 sides	24 VAC/DC LED	10.00	9.75	9.25	9.10
653-M165-AY-24D	M165-AY-24D	B	Yellow	Square, guarded 2 sides	24 VAC/DC LED	10.00	9.45	9.15	8.87
653-M165-AW-24D	M165-AW-24D	B	White	Square, guarded 2 sides	24 VAC/DC LED	10.21	9.75	9.11	8.87
653-M165-AR-24	M165-AR-24	B	Red	Square, guarded 2 sides	24 VAC Incandescent lamp	10.93	10.26	9.55	8.79
653-M165-AG-24	M165-AG-24	B	Green	Square, guarded 2 sides	24 VAC Incandescent lamp	10.93	10.26	9.55	8.79
653-M165-AW-24	M165-AW-24	B	White	Square, guarded 2 sides	24 VAC Incandescent lamp	10.93	10.26	9.55	8.79
653-M165-JR-24D	M165-JR-24D	C	Red	Rectangular, guarded 2 sides	24 VAC/DC LED	10.00	9.75	9.11	8.87
653-M165-JG-24D	M165-JG-24D	C	Green	Rectangular, guarded 2 sides	24 VAC/DC LED	10.00	9.75	9.11	8.87
653-M165-JY-24D	M165-JY-24D	C	Yellow	Rectangular, guarded 2 sides	24 VAC/DC LED	10.00	9.75	9.11	8.87
653-M165-JW-24D	M165-JW-24D	C	White	Rectangular, guarded 2 sides	24 VAC/DC LED	10.00	9.75	9.11	8.87
653-M165-JR-24	M165-JR-24	C	Red	Rectangular, guarded 2 sides	24 VAC Incandescent lamp	9.75	9.02	8.57	8.10
653-M165-JG-24	M165-JG-24	C	Green	Rectangular, guarded 2 sides	24 VAC Incandescent lamp	10.93	10.26	9.55	8.79
653-M165-JY-24	M165-JY-24	C	Yellow	Rectangular, guarded 2 sides	24 VAC Incandescent lamp	13.39	12.92	12.54	12.14
653-M165-JW-24	M165-JW-24	C	White	Rectangular, guarded 2 sides	24 VAC Incandescent lamp	9.75	9.02	8.57	8.10

OMRON M22 SERIES: 22MM ILLUMINATED PILOT LIGHTS

Features:

- 2-Piece snap-together construction
- "Snap-in" switch unit for quick and easy, tool-free assembly
- Short mounting depth, less than 28.5mm below panel
- Indicator without the switch for circuit status or warning
- Install using either round, forked crimp terminals or ferrules

Specifications:

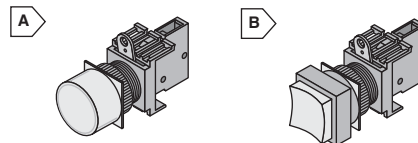
- Degree of protection: IP65
- Contact rating: 3A @ 30 VDC/250 VAC; 5A @ 125 VAC

LED Specifications:

- Rated current: 10mA
- Operating voltage: 24 VAC/DC
- Internal limiting resistor: 1600 Ohms

Incandescent Lamp Specifications:

- Rated current: 24mA
- Operating voltage: 24 VAC/DC



Types with transformer light source may be lit by directly applying 110 VAC/DC to the lamp terminal.

Each unit includes operational unit, LED or lamp, and lamp socket.



For quantities of 100 and up, call for quote.

MOUSER STOCK NO.	Omron Part No.	Fig.	Cap/LED Color	Actuator Type	Illumination Method	Price Each			
						1	10	25	50
653-M22-FR-24A	M22-FR-24A	A	Red	Round flush	24 VAC/DC LED	14.57	14.05	13.45	13.10
653-M22-FG-24A	M22-FG-24A	A	Green	Round flush	24 VAC/DC LED	14.45	14.05	13.45	13.10
653-M22-FY-24A	M22-FY-24A	A	Yellow	Round flush	24 VAC/DC LED	16.97	16.20	15.27	14.26
653-M22-FW-24A	M22-FW-24A	A	White	Round flush	24 VAC/DC LED	14.57	14.05	13.45	12.78
653-M22-FR-T1	M22-FR-T1	A	Red	Round flush	24 VAC/DC LED with transformer	18.45	18.05	17.65	16.81
653-M22-FG-T1	M22-FG-T1	A	Green	Round flush	24 VAC/DC LED with transformer	19.00	18.50	17.70	16.81
653-M22-FY-T1	M22-FY-T1	A	Yellow	Round flush	24 VAC/DC LED with transformer	19.10	18.10	17.70	16.81
653-M22-FW-T1	M22-FW-T1	A	White	Round flush	24 VAC/DC LED with transformer	19.10	18.10	17.70	16.81
653-M22-CR-24A	M22-CR-24A	B	Red	Square extended	24 VAC/DC LED	23.50	22.05	21.85	20.76
653-M22-CG-24A	M22-CG-24A	B	Green	Square extended	24 VAC/DC LED	23.50	22.05	21.85	20.76
653-M22-CR-T1	M22-CR-T1	B	Red	Square extended	24 VAC/DC LED with transformer	38.68	37.54	36.00	34.36
653-M22-CG-T1	M22-CG-T1	B	Green	Square extended	24 VAC/DC LED with transformer	38.68	37.54	36.00	34.36
653-M22-CY-T1	M22-CY-T1	B	Yellow	Square extended	24 VAC/DC LED with transformer	38.68	37.54	36.00	34.36

ELECTROSWITCH MINIATURE PUSHBUTTON SWITCHES

Power Rating:

- 6A @ 125 VAC / 28 VDC Resistive
- 3A @ 250 VAC

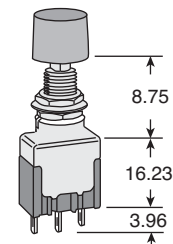
Materials:

- Base (body): Diallyl Phthalate (DAP)
- Bushing: Brass, nickel plated
- Switching Contacts: Coin silver
- Center Terminal: Silver plated brass
- Solder Terminals



For quantities of 500 and up, call for quote.

MOUSER STOCK NO.	Electroswitch Part No.	Circuit	Cap Color	Cap Dia.	Price Each			
					1	25	50	100
690-PB-12321ZQ	PB-12321ZQ	On-None-On	Black	.310	8.81	8.00	7.32	6.01
690-PB-12322ZQ	PB-12322ZQ	On-None-On	White	.310	15.26	14.42	12.72	11.11
690-PB-12323ZQ	PB-12323ZQ	On-None-On	Red	.310	7.64	7.22	6.37	5.56
690-PB-12331ZQ	PB-12331ZQ	On-None-On	Black	.375	12.42	11.75	10.36	9.04
690-PB-12332ZQ	PB-12332ZQ	On-None-On	White	.375	14.52	13.72	12.11	10.56
690-PB-12333ZQ	PB-12333ZQ	On-None-On	Red	.375	14.52	13.72	12.11	10.56
690-PB-12621ZQ	PB-12621ZQ	On-None-(On)	Black	.310	9.94	9.38	8.28	7.23
690-PB-12622ZQ	PB-12622ZQ	On-None-(On)	White	.310	8.27	7.81	6.89	6.02
690-PB-12623ZQ	PB-12623ZQ	On-None-(On)	Red	.310	14.45	13.64	12.04	10.52
690-PB-12631ZQ	PB-12631ZQ	On-None-(On)	Black	.375	9.88	9.34	8.23	7.19
690-PB-12633ZQ	PB-12633ZQ	On-None-(On)	Red	.375	11.78	11.12	9.81	8.56



Shown w/optional cap