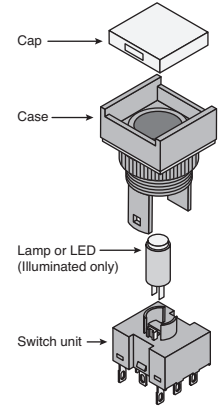
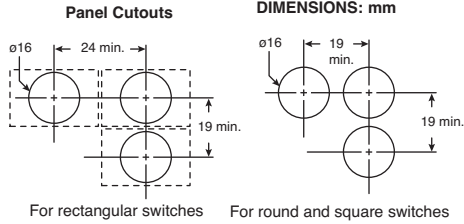
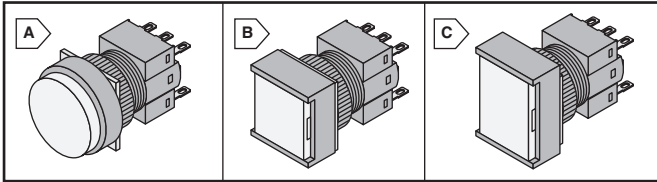


OMRON 16mm Pushbutton and Emergency Stop Switches



OMRON A16 SERIES: 16MM ILLUMINATED PUSHBUTTON SWITCHES

- Features:**
- 2-Piece snap-together construction
 - Short mounting depth, less than 28.5mm below panel
 - Terminal layout simplifies common wiring

- Specifications:**
- Oil-resistant IP65 degree of protection
 - Termination: .110" solder terminals
 - Contact rating: 3A @ 30VDC/250VAC
 - Min. applicable load: 1mA @ 5VDC

- LED Specifications:**
- Rated current: 10mA
 - Operating voltage: 24VDC
 - Internal limiting resistor: 1600Ω

Each unit includes DPDT switch unit, case, 24VDC LED, and IP65 color cap For quantities of 100 and up, call for quote.

MOUSER STOCK NO.	Omron Part No.	Fig.	Cap Color	Actuator Type	Switch Unit Provided	Price Each			
						1	10	25	50
653-A165L-TRM-24D-2	A165L-TRM-24D-2	A	Red	Round extended	DPDT Momentary	18.90	18.26	17.70	17.13
653-A165L-TYM-24D-2	A165L-TYM-24D-2	A	Yellow	Round extended	DPDT Momentary	18.90	18.26	17.70	17.13
653-A165L-TGM-24D-2	A165L-TGM-24D-2	A	Green	Round extended	DPDT Momentary	18.90	18.26	17.70	17.13
653-A165L-TWM-24D-2	A165L-TWM-24D-2	A	White	Round extended	DPDT Momentary	18.91	18.26	17.70	17.13
653-A165L-TRA-24D-2	A165L-TRA-24D-2	A	Red	Round extended	DPDT Alternate	20.20	19.52	18.91	18.31
653-A165L-TYA-24D-2	A165L-TYA-24D-2	A	Yellow	Round extended	DPDT Alternate	20.20	19.52	18.91	18.31
653-A165L-TGA-24D-2	A165L-TGA-24D-2	A	Green	Round extended	DPDT Alternate	26.26	25.37	24.58	23.79
653-A165L-TWA-24D-2	A165L-TWA-24D-2	A	White	Round extended	DPDT Alternate	20.20	19.52	18.91	18.31
653-A165L-ARM-24D-2	A165L-ARM-24D-2	B	Red	Square, guarded 2 sides	DPDT Momentary	19.91	18.90	18.42	17.20
653-A165L-AYM-24D-2	A165L-AYM-24D-2	B	Yellow	Square, guarded 2 sides	DPDT Momentary	18.90	18.26	17.70	17.13
653-A165L-AGM-24D-2	A165L-AGM-24D-2	B	Green	Square, guarded 2 sides	DPDT Momentary	18.90	18.26	17.70	17.13
653-A165L-AWM-24D-2	A165L-AWM-24D-2	B	White	Square, guarded 2 sides	DPDT Momentary	26.84	25.92	25.13	24.32
653-A165L-ARA-24D-2	A165L-ARA-24D-2	B	Red	Square, guarded 2 sides	DPDT Alternate	24.24	22.43	20.61	19.40
653-A165L-AYA-24D-2	A165L-AYA-24D-2	B	Yellow	Square, guarded 2 sides	DPDT Alternate	26.61	25.69	24.89	24.10
653-A165L-AGA-24D-2	A165L-AGA-24D-2	B	Green	Square, guarded 2 sides	DPDT Alternate	20.70	20.01	19.38	18.76
653-A165L-AWA-24D-2	A165L-AWA-24D-2	B	White	Square, guarded 2 sides	DPDT Alternate	20.20	19.52	18.91	18.31
653-A165L-JRM-24D-2	A165L-JRM-24D-2	C	Red	Rectangular, guarded 2 sides	DPDT Momentary	20.20	19.52	18.91	18.31
653-A165L-JYM-24D-2	A165L-JYM-24D-2	C	Yellow	Rectangular, guarded 2 sides	DPDT Momentary	20.20	19.52	18.91	18.30
653-A165L-JGM-24D-2	A165L-JGM-24D-2	C	Green	Rectangular, guarded 2 sides	DPDT Momentary	20.20	19.52	18.91	18.31
653-A165L-JWM-24D-2	A165L-JWM-24D-2	C	White	Rectangular, guarded 2 sides	DPDT Momentary	35.19	33.97	32.58	30.41
653-A165L-JRA-24D-2	A165L-JRA-24D-2	C	Red	Rectangular, guarded 2 sides	DPDT Alternate	22.76	21.82	20.94	20.24
653-A165L-JYA-24D-2	A165L-JYA-24D-2	C	Yellow	Rectangular, guarded 2 sides	DPDT Alternate	22.76	21.82	20.94	20.24
653-A165L-JGA-24D-2	A165L-JGA-24D-2	C	Green	Rectangular, guarded 2 sides	DPDT Alternate	22.76	21.82	20.94	20.24
653-A165L-JWA-24D-2	A165L-JWA-24D-2	C	White	Rectangular, guarded 2 sides	DPDT Alternate	22.51	21.74	21.07	20.39

The unique 2-piece snap-together design of Omron's A16 series allows users the flexibility of changing switch arrangement and illumination simply by replacing the switch block and lamp as needed.

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

Omron Pushbutton Switches

OMRON A16 SERIES: 16MM EMERGENCY STOP SWITCHES

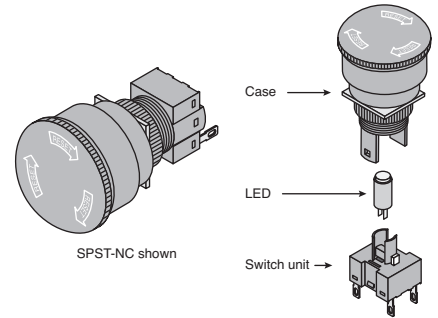
- Specifications:**
- 30mm push-lock, turn-reset system
 - Degree of protection: IP65
 - Termination: .110" Solder terminals
 - Contact rating: 3A @ 30VDC/250 VAC; 5A @ 125VAC

- LED Specifications for Illuminated Switches:**
- Operating voltage: 24VDC
 - Internal limiting resistor: 1600Ω



*Contact rating: 1A @ 30VDC/125VAC and .5A @ 250VAC For quantities of 100 and up, call for quote.

MOUSER STOCK NO.	Omron Part No.	Contact Form	Price Each			
			1	10	25	50
Non-Illuminated						
653-A165E-S-01	A165E-S-01	SPST-NC	38.47	36.93	36.01	34.85
653-A165E-S-02	A165E-S-02	DPST-NC	46.90	45.31	43.91	42.50
*653-A165E-S-03U	A165E-S-03U	TPST-NC	71.89	64.12	62.18	59.07
Illuminated, 24VAC/DC LED						
653-A165E-LS-24D-01	A165E-LS-24D-01	SPST-NC	52.15	50.38	48.81	47.25
653-A165E-LS-24D-02	A165E-LS-24D-02	DPST-NC	60.60	58.54	56.73	54.91



OMRON ACCESSORIES FOR 16MM SWITCHES

Replacement switch units, cases, and switch guards are for pushbutton switches. Replacement caps, LEDs, incandescent lamps, and neon lamps are also available. Contact Mouser for these items.

For quantities of 100 and up, call for quote.

MOUSER STOCK NO.	Omron Part No.	Description	Price Each			
			1	10	25	50
653-A16-1	A16-1	Replacement switch unit, SPDT Solder terminals	7.27	6.69	6.32	5.99
653-A16-2	A16-2	Replacement switch unit, DPDT Solder terminals	10.62	10.38	10.06	9.73
653-A16-1P	A16-1P	Replacement switch unit, SPDT PCB terminals	11.90	11.49	11.13	10.77
653-A16-2P	A16-2P	Replacement switch unit, DPDT PCB terminals	15.35	14.19	13.05	12.28
653-A165-CTM	A165-CTM	Replacement case, round, momentary action	5.54	5.22	5.05	4.81
653-A165-CAM	A165-CAM	Replacement case, square, momentary action	9.42	9.22	9.13	8.60
653-A165-CJM	A165-CJM	Replacement case, rectangular, momentary action	5.54	5.22	5.05	4.81
653-A165-CTA	A165-CTA	Replacement case, round, alternate action	6.60	6.16	5.87	5.67
653-A165-CAA	A165-CAA	Replacement case, square, alternate action	4.70	4.54	4.41	4.26
653-A165-CJA	A165-CJA	Replacement case, rectangular, alternate action	6.44	6.23	6.03	5.84
653-A16ZA-5050	A16ZA-5050	Switch guard for round and square pushbutton switches	9.87	9.54	9.33	9.08
653-A16ZJ-5050	A16ZJ-5050	Switch guard for rectangular pushbutton switches	10.38	10.03	9.71	9.42
653-A16Z-3004	A16Z-3004	Screw fitting tool	13.38	12.93	12.51	12.14
653-A3PJ-5080	A3PJ-5080	Pushbutton switch cap extractor tool	3.46	3.30	3.11	3.01
653-A16Z-5080	A16Z-5080	Lamp extractor tool	7.13	6.87	6.67	6.45
653-A16ZT-3003	A16ZT-3003	Panel plug for round hole	5.60	5.43	5.27	5.07
653-A16ZA-3003	A16ZA-3003	Panel plug for square hole	4.54	4.40	4.25	4.12

