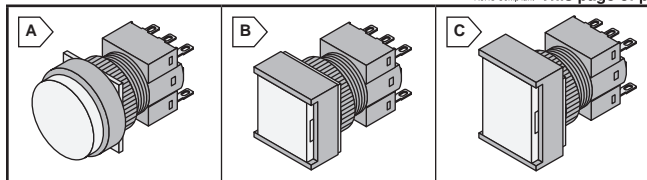


OMRON 16mm Pushbutton and Emergency Stop Switches

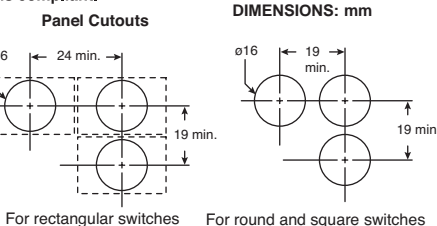


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OMRON A16 SERIES: 16MM ILLUMINATED PUSHBUTTON SWITCHES

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

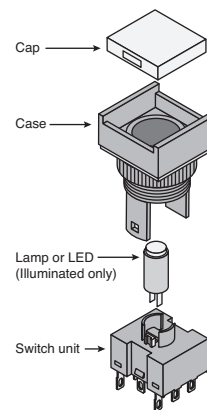
- Specifications:**
- Oil-resistant IP65 degree of protection
 - Termination: .110" solder terminals
 - Contact rating: 3A @ 30VDC/250VAC
 - Min. applicable load: 1mA @ 5VDC



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



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Each unit includes DPDT switch unit, case, 24VDC LED, and IP65 color cap

For quantities greater than listed, 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-ARM-12D-1	A165L-ARM-12D-1	B	Red	Square, guarded 2 sides	SPDT Momentary	27.27	23.19	21.82	20.46
653-A165L-TRM-24D-2	A165L-TRM-24D-2	A	Red	Round extended	DPDT Momentary	24.88	23.70	22.62	21.34
653-A165L-TYM-24D-2	A165L-TYM-24D-2	A	Yellow	Round extended	DPDT Momentary	27.96	27.27	23.18	21.85
653-A165L-TGM-24D-2	A165L-TGM-24D-2	A	Green	Round extended	DPDT Momentary	24.88	23.70	22.62	21.34
653-A165L-TWM-24D-2	A165L-TWM-24D-2	A	White	Round extended	DPDT Momentary	24.88	23.70	22.62	21.34
653-A165L-TRA-24D-2	A165L-TRA-24D-2	A	Red	Round extended	DPDT Alternate	25.87	24.64	23.52	22.18
653-A165L-TYA-24D-2	A165L-TYA-24D-2	A	Yellow	Round extended	DPDT Alternate	25.87	24.64	23.52	22.18
653-A165L-TGA-24D-2	A165L-TGA-24D-2	A	Green	Round extended	DPDT Alternate	24.40	23.30	21.96	20.50
653-A165L-ARM-24D-2	A165L-ARM-24D-2	B	Red	Square, guarded 2 sides	DPDT Momentary	24.88	23.70	22.62	21.34
653-A165L-AGM-24D-2	A165L-AGM-24D-2	B	Green	Square, guarded 2 sides	DPDT Momentary	30.01	27.27	25.00	23.08
653-A165L-AWM-24D-2	A165L-AWM-24D-2	B	White	Square, guarded 2 sides	DPDT Momentary	24.88	23.70	22.62	21.34
653-A165L-ARA-24D-2	A165L-ARA-24D-2	B	Red	Square, guarded 2 sides	DPDT Alternate	24.40	23.30	21.96	20.50
653-A165L-AYA-24D-2	A165L-AYA-24D-2	B	Yellow	Square, guarded 2 sides	DPDT Alternate	24.40	23.30	21.96	20.50
653-A165L-AGA-24D-2	A165L-AGA-24D-2	B	Green	Square, guarded 2 sides	DPDT Alternate	25.87	24.65	23.52	22.18
653-A165L-JRM-24D-2	A165L-JRM-24D-2	C	Red	Rectangular, guarded 2 sides	DPDT Momentary	24.88	23.70	22.62	21.34
653-A165L-JYM-24D-2	A165L-JYM-24D-2	C	Yellow	Rectangular, guarded 2 sides	DPDT Momentary	24.88	23.70	22.62	21.34
653-A165L-JGM-24D-2	A165L-JGM-24D-2	C	Green	Rectangular, guarded 2 sides	DPDT Momentary	24.88	23.70	22.62	21.34
653-A165L-JWM-24D-2	A165L-JWM-24D-2	C	White	Rectangular, guarded 2 sides	DPDT Momentary	33.76	31.51	29.52	26.85
653-A165L-JRA-24D-2	A165L-JRA-24D-2	C	Red	Rectangular, guarded 2 sides	DPDT Alternate	25.88	24.65	23.52	22.20
653-A165L-JYA-24D-2	A165L-JYA-24D-2	C	Yellow	Rectangular, guarded 2 sides	DPDT Alternate	24.41	23.30	21.97	20.49
653-A165L-JWA-24D-2	A165L-JWA-24D-2	C	White	Rectangular, guarded 2 sides	DPDT Alternate	25.88	24.65	23.52	22.20

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.

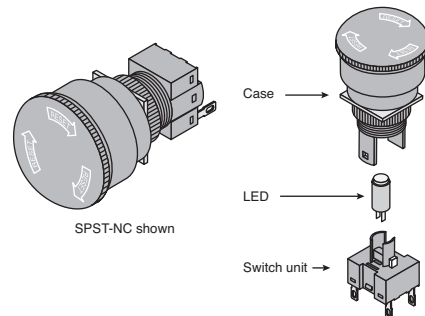
OMRON A16 SERIES: 16MM EMERGENCY STOP SWITCHES

- Specifications:**
- 30mm push-block, 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



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* Contact rating: 1A @ 30VDC/125VAC and .5A @ 250VAC

For quantities greater than listed, 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	46.98	45.36	43.74	41.54
653-A165E-S-02	A165E-S-02	DPST-NC	46.91	45.64	44.32	42.22
Illuminated, 24VAC/DC LED						
653-A165E-LS-24D-01	A165E-LS-24D-01	SPST-NC	65.15	63.70	61.50	59.31
653-A165E-LS-24D-02	A165E-LS-24D-02	DPST-NC	69.85	66.81	65.75	63.98

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.



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For quantities greater than listed, 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	9.36	8.51	7.80	7.20
653-A16-2	A16-2	Replacement switch unit, DPDT Solder terminals	13.20	12.00	11.00	10.16
653-A165-CAA	A165-CAA	Replacement case, square, alternate action	5.35	5.00	4.81	4.26
653-A165-CJA	A165-CJA	Replacement case, rectangular, alternate action	6.37	6.23	6.03	5.84
653-A16ZA-5050	A16ZA-5050	Switch guard for round and square pushbutton switches	8.80	8.00	7.34	6.77
653-A16ZJ-5050	A16ZJ-5050	Switch guard for rectangular pushbutton switches	7.72	7.02	6.43	5.94
653-A16Z-3004	A16Z-3004	Screw fitting tool	10.18	9.26	8.48	7.83
653-A3PJ-5080	A3PJ-5080	Pushbutton switch cap extractor tool	5.15	4.85	3.70	3.20
653-A16ZA-3003	A16ZA-3003	Panel plug for square hole	3.32	2.99	2.65	2.30
653-A16-12DSR	A16-12DSR	LED Lamp replacement, red, 12VDC	7.12	6.49	6.15	5.84
653-A16-5DSG	A16-5DSG	LED Lamp replacement, green, 5 VDC	7.12	6.49	6.15	5.84
653-A16-5DSR	A16-5DSR	LED Lamp replacement, red, 5 VDC	7.12	6.49	6.15	5.84
653-A165K-KEY	A165K-KEY	Replacement Key	5.81	5.44	5.17	4.83

