

OMRON 22mm Pushbutton Switches

OMRON
INDUSTRIAL AUTOMATION

A22E SERIES: 22MM EMERGENCY STOP SWITCHES

Specifications :

- Contact ratings: 10A @ 24/110/220/380/440VAC
- 10A @ 24/110/220/380VDC
- Install using either round, forked crimp terminals or ferrules

Each unit includes operational unit and switch unit.

*Models with Korean S-mark certification **:Switch contact is for micro-load use

For quantities greater than listed, call for quote.

MOUSER STOCK NO.						Omron Part No.	Fig.	Head Size (Dia.)	Description	Contact Form	Price Each			
											1	10	25	50
Non-Lighted, Red Cap														
* 653-A22E-S-01						A22E-S-01	A	30mm	Small, push-lock, turn-reset	SPST-NC	37.99	36.19	35.17	33.56
** 653-A22E-S-01S						A22E-S-01S	A	30mm	Small, push-lock, turn-reset	SPST-NC	52.54	51.04	49.54	48.03
* 653-A22E-S-11						A22E-S-11	A	30mm	Small, push-lock, turn-reset	SPST-NO+SPST-NC	32.39	30.48	29.84	29.33
653-A22E-MP-11						A22E-MP-11	A	40mm	Medium, push-pull	SPST-NO+SPST-NC	50.66	48.40	46.91	43.77
* 653-A22E-M-01						A22E-M-01	A	40mm	Medium, push-lock, turn-reset	SPST-NC	29.93	28.60	27.71	25.86
* 653-A22E-M-02						A22E-M-02	A	40mm	Medium, push-lock, turn-reset	DPST-NC	50.22	47.95	46.01	45.36
* 653-A22E-M-11						A22E-M-11	A	40mm	Medium, push-lock, turn-reset	SPST-NO+SPST-NC	32.90	32.41	31.46	30.56
* 653-A22E-L-01						A22E-L-01	A	60mm	Large, push-lock, turn-reset	SPST-NC	33.08	31.93	30.91	28.85
* 653-A22E-L-02						A22E-L-02	A	60mm	Large, push-lock, turn-reset	DPST-NC	51.18	49.50	47.30	44.34
* 653-A22E-L-11						A22E-L-11	A	60mm	Large, push-lock, turn-reset	SPST-NO+SPST-NC	40.22	38.58	37.07	35.63
Lighted, Red Cap, LED-Rated Voltage 24VAC/VDC														
653-A22EL-M-24A-01						A22EL-M-24A-01	A	40mm	Push-lock, turn-reset w/o voltage reduction unit	SPST-NC	49.49	48.01	45.82	42.77
653-A22EL-M-24A-02						A22EL-M-24A-02	A	40mm	Push-lock, turn-reset w/o voltage reduction unit	DPST-NC	134.77	128.37	123.24	115.49
Lighted, Red Cap, LED-Rated Voltage 100VAC														
653-A22EL-M-T1-01						A22EL-M-T1-01	A	40mm	Push-lock, turn-reset w/ voltage reduction unit	SPST-NC	66.91	66.40	64.37	60.12
653-A22EL-M-T1-02						A22EL-M-T1-02	A	40mm	Push-lock, turn-reset w/ voltage reduction unit	DPST-NC	80.00	77.54	73.67	68.85
653-A22EL-M-T1-11						A22EL-M-T1-11	A	40mm	Push-lock, turn-reset w/ voltage reduction unit	SPST-NO+SPST-NC	86.38	83.77	79.58	74.35

A22F/A22G/A22S/A22M SERIES: 22MM NON-ILLUMINATED PUSHBUTTON SWITCHES

Specifications :

- Contact ratings: 10A @ 24VAC/DC
- Install using either round, forked crimp terminals or ferrules

Each unit includes switch unit, contact block, and IP65 rated color cap.

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

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Omron Part No.	Fig.	Cap Color	Actuator Type	Contact Form	Price Each			
						1	10	25	50
653-A22-MR-01M	A22-MR-01M	B	Red	40mm diameter mushroom	SPST-NC Momentary	34.61	31.46	28.84	26.62
653-A22-FB-10M	A22-FB-10M	C	Black	Round flush	SPST-NO Momentary	21.26	19.33	17.71	16.35
653-A22-FG-10M	A22-FG-10M	C	Green	Round flush	SPST-NO Momentary	15.82	15.35	14.63	13.66
653-A22-FR-10M	A22-FR-10M	C	Red	Round flush	SPST-NO Momentary	16.07	15.59	14.88	13.87
653-A22-TG-10M	A22-TG-10M	D	Green	Round extended	SPST-NO Momentary	16.04	15.90	15.41	14.92
653-A22-MB-10M	A22-MB-10M	B	Black	40mm diameter mushroom	SPST-NO Momentary	24.86	22.59	20.71	19.12
653-A22-MR-10M	A22-MR-10M	B	Red	40mm diameter mushroom	SPST-NO Momentary	19.53	18.87	18.28	17.69
653-A22-FG-11M	A22-FG-11M	C	Green	Round flush	SPST-NO+SPST-NC Momentary	23.00	21.28	19.80	18.53
653-A22-FR-11M	A22-FR-11M	C	Red	Round flush	SPST-NO+SPST-NC Momentary	22.85	20.57	19.19	18.08
653-A22-GG-11M	A22-GG-11M	E	Green	Round full guard	SPST-NO+SPST-NC Momentary	28.12	25.29	23.60	22.25
653-A22-MR-11M	A22-MR-11M	B	Red	40mm diameter mushroom	SPST-NO+SPST-NC Momentary	26.18	24.99	23.57	21.98

A22L SERIES: 22MM ILLUMINATED PUSHBUTTON SWITCHES

Types with transformer light source may be lit by directly applying 110VAC/DC to the lamp terminal. Each unit includes the pushbutton, lamp (lighted type only), and switch.

Specifications :

- Contact ratings: 10A @ 24/110/220/380/440VAC
- 10A @ 24/110/220/380VDC
- Momentary switch block provided
- Install using either round, forked crimp terminals or ferrules

LED Specifications :

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

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Omron Part No.	Fig.	Cap Color	Actuator Type	Contact Form	Price Each			
						1	10	25	50
653-A22L-GR-24A-01M	A22L-GR-24A-01M	E	Red	Round, full-guard	SPST-NC Momentary	38.83	32.30	30.73	30.20
653-A22L-GG-24A-10M	A22L-GG-24A-10M	E	Green	Round, full-guard	SPST-NO Momentary	45.55	39.78	39.30	38.82
653-A22L-GR-24A-10M	A22L-GR-24A-10M	E	Red	Round, full-guard	SPST-NO Momentary	39.17	32.23	30.03	30.03
653-A22L-GG-24A-11M	A22L-GG-24A-11M	E	Green	Round, full-guard	SPST-NO + SPST-NC Momentary	48.34	46.04	43.94	41.46
653-A22L-GR-24A-11M	A22L-GR-24A-11M	E	Red	Round, full-guard	SPST-NO + SPST-NC Momentary	56.59	52.10	47.87	46.07
653-A22L-GY-24A-11M	A22L-GY-24A-11M	E	Yellow	Round, full-guard	SPST-NO + SPST-NC Momentary	48.32	46.03	43.93	41.45
653-A22L-DG-24A-11M	A22L-DG-24A-11M	F	Green	Square, full-guard	SPST-NO + SPST-NC Momentary	51.39	49.06	46.26	43.17
653-A22L-DR-24A-11M	A22L-DR-24A-11M	F	Red	Square, full-guard	SPST-NO + SPST-NC Momentary	51.39	49.06	46.26	43.17
653-A22L-DY-24A-11M	A22L-DY-24A-11M	F	Yellow	Square, full-guard	SPST-NO + SPST-NC Momentary	51.39	49.06	46.26	43.17

A22R SERIES: 22MM ILLUMINATED PUSHBUTTON SWITCHES

Specifications :

- Round shape only
- Easy to expand and customize standard switches by adding switch units
- Flat and projected pushbuttons
- Full range of popular colors:
 - Lighted pushbuttons in white, green, red, yellow, blue and black (non-lighted)
 - Selector switches in green, red, yellow and blue
 - Pilot lights in white, green, red, yellow and blue

LED Specifications :

- Operating Voltage: 24VAC/DC

MOUSER STOCK NO.	Omron Part No.	Fig.	Cap Color	Actuator Type	Contact Form	Price Each			
						1	10	25	50
653-A22RL-TA-24A-10A	A22RL-TA-24A-10A	G	Blue	Round, Projection	SPST-NO Alternate	32.87	30.48	18.81	15.78
653-A22RL-TG-24A-10A	A22RL-TG-24A-10A	G	Green	Round, Projection	SPST-NO Alternate	32.87	30.49	18.80	15.78
653-A22RL-TR-24A-10A	A22RL-TR-24A-10A	G	Red	Round, Projection	SPST-NO Alternate	32.87	30.49	18.80	15.78
653-A22RL-TW-24A-10M	A22RL-TW-24A-10M	G	White	Round, Projection	SPST-NO Alternate	28.63	26.55	19.01	15.96
653-A22RL-TG-24A-10M	A22RL-TG-24A-10M	G	Green	Round, Projection	SPST-NO Momentary	29.79	27.56	26.56	17.36
653-A22RL-TR-24A-10M	A22RL-TR-24A-10M	G	Red	Round, Projection	SPST-NO Momentary	28.63	26.56	17.36	14.57
653-A22RL-TW-24A-10M	A22RL-TW-24A-10M	G	White	Round, Projection	SPST-NO Momentary	28.63	26.55	19.01	15.96

A22R SERIES: 22MM NON-ILLUMINATED PUSHBUTTON SWITCHES

Specifications :

- Round shape only
- Easy to expand and customize standard switches by adding switch units
- Flat and projected pushbuttons
- Full range of popular colors:
 - Lighted pushbuttons in white, green, red, yellow, blue and black (non-lighted)
 - Selector switches in green, red, yellow and blue
 - Pilot lights in white, green, red, yellow and blue

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Omron Part No.	Fig.	Cap Color	Actuator Type	Contact Form	Price Each			
						1	10	25	50
653-A22R-FR-01A	A22R-FR-01A	H	Red	Flat, Round	SPST-NC Alternate	23.33	21.63	11.78	9.88
653-A22R-TR-01A	A22R-TR-01A	H	Red	Projection, Round	SPST-NC Alternate	23.33	21.64	11.98	10.06
653-A22R-FR-01M	A22R-FR-01M	H	Red	Flat, Round	SPST-NC Momentary	18.03	16.72	8.68	7.27
653-A22R-TR-01M	A22R-TR-01M	H	Red	Projection, Round	SPST-NC Momentary	18.03	16.72	8.68	7.27
653-A22R-FG-10A	A22R-FG-10A	H	Green	Flat, Round	SPST-NO Alternate	23.33	21.63	11.78	9.88
653-A22R-FR-10A	A22R-FR-10A	H	Red	Flat, Round	SPST-NO Alternate	23.33	21.63	11.78	9.88
653-A22R-TG-10A	A22R-TG-10A	H	Green	Projection, Round	SPST-NO Alternate	23.33	21.63	12.09	10.13
653-A22R-TR-10A	A22R-TR-10A	H	Red	Projection, Round	SPST-NO Alternate	23.33	21.63	12.09	10.13
653-A22R-FG-10M	A22R-FG-10M	H	Green	Flat, Round	SPST-NO Momentary	18.75	17.34	16.72	8.68
653-A22R-FR-10M	A22R-FR-10M	H	Red	Flat, Round	SPST-NO Momentary	18.03	16.72	8.68	7.27
653-A22R-FW-10M	A22R-FW-10M	H	White	Flat, Round	SPST-NO Momentary	18.03	16.72	8.68	7.27
653-A22R-TG-10M	A22R-TG-10M	H	Green	Projection, Round	SPST-NO Momentary	18.03	16.72	8.68	7.27
653-A22R-TR-10M	A22R-TR-10M	H	Red	Projection, Round	SPST-NO Momentary	18.03	16.72	8.68	7.27

