



# Pushbuttons, Switches and Pilot Devices

*Solve it with the problem solvers.*

**OMRON**<sup>®</sup>

## Reduce Installation Time

### Industrial Switch Solutions for Your Automation Needs

Omron offers a broad product line, worldwide delivery coordination and single-point customer service support

Design your machine controls to give operators a confident feel and quick grasp of status using Omron's wide range of pushbutton and selector switches, pilot devices and emergency stop switches. Combine these switches with Omron PLCs, safety relays, SSRs, I/O blocks, and power supplies to organize and minimize wiring requirements inside the cabinet.

#### A reliable partner

With over 65 years of expertise in industrial automation and electronic components manufacturing, Omron has become a global leader in making the production process easier for operators to monitor and control. Our factories meet ISO 9000 and ISO 14000 certification, and products are designed to meet international standards, so exporting machines outside North America goes smoothly. We back up our expertise with sizeable investments in R&D amounting to seven percent of the annual 5 Billion US\$ sales. We continually achieve innovations that make machines work smarter to keep operators safe, confident and effective.

#### Worldwide availability and support

What sets Omron ahead of many switch and pilot device suppliers is the combined advantages of a wide array of control product lines to support your system design inside and out. By consolidating product sourcing with Omron, you achieve the best pricing advantage and coordination in scheduling deliveries to match your production needs. Our national network of distributors and worldwide sales and technical partners can support your equipment.

Let's work together to solve your control panel and system design problems.



Just two parts snap together for tool-free, timesaving installation



22 mm



Single-action latching lever for fast, secure mounting

## Reduce Panel Depth



Compact side-by-side contacts eliminate piggyback contact arrangements, reducing panel depth

22 mm

IP65 oil-tight construction



Improved design for reduced panel depth

16 mm

IP65 oil-tight models and IP40 commercial models

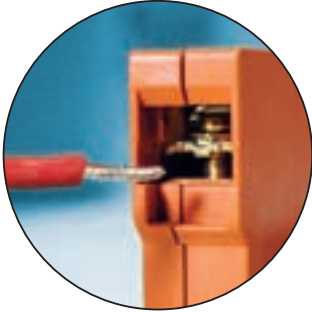
## Enclosures

Let Omron provide the reliable plastic or metal enclosures you need for a complete machine control installation of 22 mm switches and pilot devices.

- Light gray plastic enclosures for lightweight control pendants; 1, 2 or 3 switches
- Light gray metal enclosures for panel or pendant use; 1, 2, 3, 4, 6, 9, 12, or 16 switches



## Other Features



*Finger-safe contact blocks are shipped with the screws backed out for fast wiring*



**Contact blocks rated for general purpose and microloads** **16 mm**

**22 mm** **Normally closed contacts approved for safety circuits**

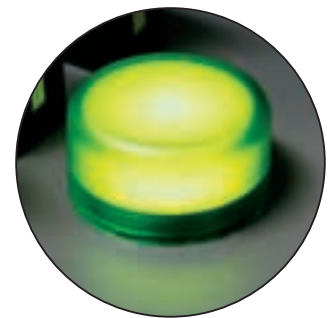


*Knob and key-type selector switches have robust mechanical detents*



*E-Stops and buzzers—protect and alert*

**All 16 mm and 22 mm models are UL and CE approved**



*Super-bright LED illumination offers 60 times longer life than incandescent*

## Nameplates

Omron offers a wide range of nameplates to clearly identify each switch and indicator.

- Adhesive-backed plastic, 22 mm
- Metal, 22 mm
- Round E-Stop switch, 16 mm and 22 mm
- Snap-in plastic nameplates, 16 mm and 22 mm
- Custom-engraved plastic, 22 mm, in square, rectangular and shield shapes
- Custom-engraved metal, 22 mm, in rectangular shape

Order custom nameplates in Spanish, French, as well as English, or dual language as required for your design.



# Non-illuminated

# 22mm Selection Guide

Shape	Pushbutton								Selector Switch
Part Number	Round flush A22-F	Round extended A22-T	Round full-guard A22-G	Round half-guard A22-H	30 mm mushroom A22-S	40 mm mushroom A22-M	Square extended A22-C	Square full-guard A22-D	2- or 3- position knob A22S
Appearance									
Color	◆ ◆ ◆ ◆ ◆ ◆ ◆ ◆ ◆ ◆	◆ ◆ ◆ ◆ ◆ ◆ ◆ ◆ ◆ ◆	◆ ◆ ◆ ◆ ◆ ◆ ◆ ◆ ◆ ◆	◆ ◆ ◆ ◆ ◆ ◆ ◆ ◆ ◆ ◆	◆ ◆ ◆ ◆ ◆ ◆ ◆ ◆ ◆ ◆	◆ ◆ ◆ ◆ ◆ ◆ ◆ ◆ ◆ ◆	◆ ◆ ◆ ◆ ◆ ◆ ◆ ◆ ◆ ◆	◆ ◆ ◆ ◆ ◆ ◆ ◆ ◆ ◆ ◆	◆
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Shape	Selector Switch Extended Lever	Key Switch	Emergency Stop		Push-lock, turn-reset 30 mm dia.	Push-lock, turn-reset 40 mm dia.	Push-lock, turn-reset 60 mm dia.	Push-lock, key-reset 30 mm dia.	Push-lock, key-reset 40 mm dia.
Part Number	2- or 3- position knob A22S-C	2- or 3- position knob A22K	Push-pull 40 mm dia. A22E-MP	Push-pull 60 mm dia. A22E-LP	A22E-S	A22E-M	A22E-L	A22E-SK	A22E-MK
Appearance									
Color	◆	◆	◆	◆	◆	◆	◆	◆	◆
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# Illuminated

Shape	Pushbutton					Selector Switch	Pilot Light	Emergency Stop	
Part Number	Round extended A22L-T	Round half-guard A22L-H	Round full-guard A22L-G	Square extended A22L-C	Square full-guard A22L-D	2- or 3- position knob A22W	Round M22-F	Square M22-C	Push-lock, turn-reset 40 mm dia. A22EL-M
Appearance									
Color	◆ ◆ ◆ ◆ ◆ ◆ ◆ ◆ ◆ ◆	◆ ◆ ◆ ◆ ◆ ◆ ◆ ◆ ◆ ◆	◆ ◆ ◆ ◆ ◆ ◆ ◆ ◆ ◆ ◆	◆ ◆ ◆ ◆ ◆ ◆ ◆ ◆ ◆ ◆	◆ ◆ ◆ ◆ ◆ ◆ ◆ ◆ ◆ ◆	◆ ◆ ◆ ◆ ◆ ◆ ◆ ◆ ◆ ◆	◆ ◆ ◆ ◆ ◆ ◆ ◆ ◆ ◆ ◆	◆ ◆ ◆ ◆ ◆ ◆ ◆ ◆ ◆ ◆	◆
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# Non-illuminated







# 16 mm Selection Guide





Shape	Pushbutton			Selector Switch			Key Switch		
Part Number	Round A165-T	Square A165-A	Rectangular A165-J	Round 2- or 3- position knob A165S-T	Square 2- or 3- position knob A165S-A	Rectangular 2- or 3- position knob A165S-J	Round 2- or 3- position knob A165K-T	Square 2- or 3- position knob A165K-A	Rectangular 2- or 3- position knob A165K-J
Appearance									
Color	◆ ◆ ◆ ◆ ◆ ◆ ◆ ◆ ◆ ◆	◆ ◆ ◆ ◆ ◆ ◆ ◆ ◆ ◆ ◆	◆ ◆ ◆ ◆ ◆ ◆ ◆ ◆ ◆ ◆	◆	◆	◆	◆	◆	◆
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Shape	Buzzer	Emergency Stop
Part Number	Rectangular standard and high sound M2BJ	Push-lock, turn-reset 30 mm dia. A165E-S
Appearance		
Color	◆	◆ Also available: 40 mm dia. A165E-M
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**NOTE:** 16 mm switches are available in IP40 (A16) and IP65 oiltight (A165)

# Illuminated







Shape	Pushbutton			Selector Switch		
Part Number	Round A165L-T	Square A165L-A	Rectangular A165L-J	Round 2- or 3- position knob A165W-T	Square 2- or 3- position knob A165W-A	Rectangular 2- or 3- position knob A165W-J
Appearance						
Color	◆ ◆ ◆ ◆ ◆ ◆ ◆ ◆ ◆ ◆	◆ ◆ ◆ ◆ ◆ ◆ ◆ ◆ ◆ ◆	◆ ◆ ◆ ◆ ◆ ◆ ◆ ◆ ◆ ◆	◆ ◆ ◆ ◆ ◆ ◆ ◆ ◆ ◆ ◆	◆ ◆ ◆ ◆ ◆ ◆ ◆ ◆ ◆ ◆	◆ ◆ ◆ ◆ ◆ ◆ ◆ ◆ ◆ ◆
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Shape	Pilot Lights			Emergency Stop
Part Number	Round M165-T	Square M165-A	Rectangular M165-J	Push-lock, turn reset 30 mm dia. A165E-LS
Appearance				
Color	◆ ◆ ◆ ◆ ◆ ◆ ◆ ◆ ◆ ◆	◆ ◆ ◆ ◆ ◆ ◆ ◆ ◆ ◆ ◆	◆ ◆ ◆ ◆ ◆ ◆ ◆ ◆ ◆ ◆	◆ Also available: 40 mm dia. A165E-LM
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**NOTE:** 16 mm switches are available in IP40 (A16) and IP65 oiltight (A165)

## Pushbutton Switches

### Non-illuminated Round Type




Description		Part number		Operator color
Appearance	Contacts	Momentary operation	Maintained operation	
Round flush 	SPST-NO	A22-F□-10M	A22-F□-10A	Insert one of the following letters into the box □. R (red) Y (yellow) G (green) W (white) A (blue) B (black)
	SPST-NC	A22-F□-01M	A22-F□-01A	
	SPST-NO + SPST-NC	A22-F□-11M	A22-F□-11A	
	DPST-NO	A22-F□-20M	A22-F□-20A	
	DPST-NC	A22-F□-02M	A22-F□-02A	
Round extended 	SPST-NO	A22-T□-10M	A22-T□-10A	
	SPST-NC	A22-T□-01M	A22-T□-01A	
	SPST-NO + SPST-NC	A22-T□-11M	A22-T□-11A	
	DPST-NO	A22-T□-20M	A22-T□-20A	
	DPST-NC	A22-T□-02M	A22-T□-02A	
Round full-guard 	SPST-NO	A22-G□-10M	A22-G□-10A	
	SPST-NC	A22-G□-01M	A22-G□-01A	
	SPST-NO + SPST-NC	A22-G□-11M	A22-G□-11A	
	DPST-NO	A22-G□-20M	A22-G□-20A	
	DPST-NC	A22-G□-02M	A22-G□-02A	
Round half-guard 	SPST-NO	A22-H□-10M	A22-H□-10A	
	SPST-NC	A22-H□-01M	A22-H□-01A	
	SPST-NO + SPST-NC	A22-H□-11M	A22-H□-11A	
	DPST-NO	A22-H□-20M	A22-H□-20A	
	DPST-NC	A22-H□-02M	A22-H□-02A	
Small-size mushroom (30-mm dia. head) 	SPST-NO	A22-S□-10M	A22-S□-10A	
	SPST-NC	A22-S□-01M	A22-S□-01A	
	SPST-NO + SPST-NC	A22-S□-11M	A22-S□-11A	
	DPST-NO	A22-S□-20M	A22-S□-20A	
	DPST-NC	A22-S□-02M	A22-S□-02A	
Medium-size mushroom (40-mm dia. head) 	SPST-NO	A22-M□-10M	A22-M□-10A	
	SPST-NC	A22-M□-01M	A22-M□-01A	
	SPST-NO + SPST-NC	A22-M□-11M	A22-M□-11A	
	DPST-NO	A22-M□-20M	A22-M□-20A	
	DPST-NC	A22-M□-02M	A22-M□-02A	

### Non-illuminated Square Type

Description		Part number		Operator color
Appearance	Contacts	Momentary operation	Maintained operation	
Square extended 	SPST-NO	A22-C□-10M	A22-C□-10A	Insert one of the following letters into the box □. R (red) Y (yellow) G (green) W (white) A (blue) B (black)
	SPST-NC	A22-C□-01M	A22-C□-01A	
	SPST-NO + SPST-NC	A22-C□-11M	A22-C□-11A	
	DPST-NO	A22-C□-20M	A22-C□-20A	
	DPST-NC	A22-C□-02M	A22-C□-02A	
Square full-guard 	SPST-NO	A22-D□-10M	A22-D□-10A	
	SPST-NC	A22-D□-01M	A22-D□-01A	
	SPST-NO + SPST-NC	A22-D□-11M	A22-D□-11A	
	DPST-NO	A22-D□-20M	A22-D□-20A	
	DPST-NC	A22-D□-02M	A22-D□-02A	

## Pushbutton Switches




### Illuminated Round Type

Description			Part number		Operator color
Appearance	Contacts	Rated voltage	Momentary operation	Maintained operation	
Round extended LED lighting (without transformer)  	SPST-NO	6 VDC	A22L-T□-6D-10M	A22L-T□-6D-10A	Insert one of the following letters into the box □.  R (red) Y (yellow) G (green) W (white) A (blue)
		6 VAC	A22L-T□-6A-10M	A22L-T□-6A-10A	
		12 VAC/DC	A22L-T□-12A-10M	A22L-T□-12A-10A	
		24 VAC/DC	A22L-T□-24A-10M	A22L-T□-24A-10A	
	SPST-NC	6 VDC	A22L-T□-6D-01M	A22L-T□-6D-01A	
		6 VAC	A22L-T□-6A-01M	A22L-T□-6A-01A	
		12 VAC/DC	A22L-T□-12A-01M	A22L-T□-12A-01A	
		24 VAC/DC	A22L-T□-24A-01M	A22L-T□-24A-01A	
	SPST-NO + SPST-NC	6 VDC	A22L-T□-6D-11M	A22L-T□-6D-11A	
		6 VAC	A22L-T□-6A-11M	A22L-T□-6A-11A	
		12 VAC/DC	A22L-T□-12A-11M	A22L-T□-12A-11A	
		24 VAC/DC	A22L-T□-24A-11M	A22L-T□-24A-11A	
	DPST-NO	6 VDC	A22L-T□-6D-20M	A22L-T□-6D-20A	
		6 VAC	A22L-T□-6A-20M	A22L-T□-6A-20A	
		12 VAC/DC	A22L-T□-12A-20M	A22L-T□-12A-20A	
		24 VAC/DC	A22L-T□-24A-20M	A22L-T□-24A-20A	
	DPST-NC	6 VDC	A22L-T□-6D-02M	A22L-T□-6D-02A	
		6 VAC	A22L-T□-6A-02M	A22L-T□-6A-02A	
		12 VAC/DC	A22L-T□-12A-02M	A22L-T□-12A-02A	
		24 VAC/DC	A22L-T□-24A-02M	A22L-T□-24A-02A	
Round extended LED lighting (with transformer)  	SPST-NO	110 VAC	A22L-T□-T1-10M	A22L-T□-T1-10A	
		220 VAC	A22L-T□-T2-10M	A22L-T□-T2-10A	
	SPST-NC	110 VAC	A22L-T□-T1-01M	A22L-T□-T1-01A	
		220 VAC	A22L-T□-T2-01M	A22L-T□-T2-01A	
	SPST-NO + SPST-NC	110 VAC	A22L-T□-T1-11M	A22L-T□-T1-11A	
		220 VAC	A22L-T□-T2-11M	A22L-T□-T2-11A	
	DPST-NO	110 VAC	A22L-T□-T1-20M	A22L-T□-T1-20A	
		220 VAC	A22L-T□-T2-20M	A22L-T□-T2-20A	
	DPST-NC	110 VAC	A22L-T□-T1-02M	A22L-T□-T1-02A	
		220 VAC	A22L-T□-T2-02M	A22L-T□-T2-02A	
Round half-guard LED lighting (without transformer)  	SPST-NO	6 VDC	A22L-H□-6D-10M	A22L-H□-6D-10A	
		6 VAC	A22L-H□-6A-10M	A22L-H□-6A-10A	
		12 VAC/DC	A22L-H□-12A-10M	A22L-H□-12A-10A	
		24 VAC/DC	A22L-H□-24A-10M	A22L-H□-24A-10A	
	SPST-NC	6 VDC	A22L-H□-6D-01M	A22L-H□-6D-01A	
		6 VAC	A22L-H□-6A-01M	A22L-H□-6A-01A	
		12 VAC/DC	A22L-H□-12A-01M	A22L-H□-12A-01A	
		24 VAC/DC	A22L-H□-24A-01M	A22L-H□-24A-01A	
	SPST-NO + SPST-NC	6 VDC	A22L-H□-6D-11M	A22L-H□-6D-11A	
		6 VAC	A22L-H□-6A-11M	A22L-H□-6A-11A	
		12 VAC/DC	A22L-H□-12A-11M	A22L-H□-12A-11A	
		24 VAC/DC	A22L-H□-24A-11M	A22L-H□-24A-11A	
	DPST-NO	6 VDC	A22L-H□-6D-20M	A22L-H□-6D-20A	
		6 VAC	A22L-H□-6A-20M	A22L-H□-6A-20A	
		12 VAC/DC	A22L-H□-12A-20M	A22L-H□-12A-20A	
		24 VAC/DC	A22L-H□-24A-20M	A22L-H□-24A-20A	
	DPST-NC	6 VDC	A22L-H□-6D-02M	A22L-H□-6D-02A	
		6 VAC	A22L-H□-6A-02M	A22L-H□-6A-02A	
		12 VAC/DC	A22L-H□-12A-02M	A22L-H□-12A-02A	
		24 VAC/DC	A22L-H□-24A-02M	A22L-H□-24A-02A	


(This table continues on the next page.)

## Pushbutton Switches

### Illuminated Round Type (continued)

Description			Part number		Operator color
Appearance	Contacts	Rated voltage	Momentary operation	Maintained operation	
Round half-guard LED lighting (with transformer) 	SPST-NO	110 VAC	A22L-H□-T1-10M	A22L-H□-T1-10A	Insert one of the following letters into the box □. R (red) Y (yellow) G (green) W (white) A (blue)
		220 VAC	A22L-H□-T2-10M	A22L-H□-T2-10A	
	SPST-NC	110 VAC	A22L-H□-T1-01M	A22L-H□-T1-01A	
		220 VAC	A22L-H□-T2-01M	A22L-H□-T2-01A	
	SPST-NO + SPST-NC	110 VAC	A22L-H□-T1-11M	A22L-H□-T1-11A	
		220 VAC	A22L-H□-T2-11M	A22L-H□-T2-11A	
	DPST-NO	110 VAC	A22L-H□-T1-20M	A22L-H□-T1-20A	
		220 VAC	A22L-H□-T2-20M	A22L-H□-T2-20A	
	DPST-NC	110 VAC	A22L-H□-T1-02M	A22L-H□-T1-02A	
		220 VAC	A22L-H□-T2-02M	A22L-H□-T2-02A	
Round clear full-guard LED lighting (without transformer) 	SPST-NO	6 VDC	A22L-G□-6D-10M	A22L-G□-6D-10A	
		6 VAC	A22L-G□-6A-10M	A22L-G□-6A-10A	
		12 VAC/DC	A22L-G□-12A-10M	A22L-G□-12A-10A	
		24 VAC/DC	A22L-G□-24A-10M	A22L-G□-24A-10A	
	SPST-NC	6 VDC	A22L-G□-6D-01M	A22L-G□-6D-01A	
		6 VAC	A22L-G□-6A-01M	A22L-G□-6A-01A	
		12 VAC/DC	A22L-G□-12A-01M	A22L-G□-12A-01A	
		24 VAC/DC	A22L-G□-24A-01M	A22L-G□-24A-01A	
	SPST-NO + SPST-NC	6 VDC	A22L-G□-6D-11M	A22L-G□-6D-11A	
		6 VAC	A22L-G□-6A-11M	A22L-G□-6A-11A	
		12 VAC/DC	A22L-G□-12A-11M	A22L-G□-12A-11A	
		24 VAC/DC	A22L-G□-24A-11M	A22L-G□-24A-11A	
	DPST-NO	6 VDC	A22L-G□-6D-20M	A22L-G□-6D-20A	
		6 VAC	A22L-G□-6A-20M	A22L-G□-6A-20A	
		12 VAC/DC	A22L-G□-12A-20M	A22L-G□-12A-20A	
		24 VAC/DC	A22L-G□-24A-20M	A22L-G□-24A-20A	
	DPST-NC	6 VDC	A22L-G□-6D-02M	A22L-G□-6D-02A	
		6 VAC	A22L-G□-6A-02M	A22L-G□-6A-02A	
12 VAC/DC		A22L-G□-12A-02M	A22L-G□-12A-02A		
24 VAC/DC		A22L-G□-24A-02M	A22L-G□-24A-02A		
Round clear full-guard LED lighting (with transformer) 	SPST-NO	110 VAC	A22L-G□-T1-10M	A22L-G□-T1-10A	
		220 VAC	A22L-G□-T2-10M	A22L-G□-T2-10A	
	SPST-NC	110 VAC	A22L-G□-T1-01M	A22L-G□-T1-01A	
		220 VAC	A22L-G□-T2-01M	A22L-G□-T2-01A	
	SPST-NO + SPST-NC	110 VAC	A22L-G□-T1-11M	A22L-G□-T1-11A	
		220 VAC	A22L-G□-T2-11M	A22L-G□-T2-11A	
	DPST-NO	110 VAC	A22L-G□-T1-20M	A22L-G□-T1-20A	
		220 VAC	A22L-G□-T2-20M	A22L-G□-T2-20A	
	DPST-NC	110 VAC	A22L-G□-T1-02M	A22L-G□-T1-02A	
		220 VAC	A22L-G□-T2-02M	A22L-G□-T2-02A	

### Illuminated Square Type





Description			Part number		Operator color
Appearance	Contacts	Rated voltage	Momentary operation	Maintained operation	
Square extended LED lighting (without transformer) 	SPST-NO	6 VDC	A22L-C□-6D-10M	A22L-C□-6D-10A	Insert one of the following letters into the box □. R (red) Y (yellow) G (green) W (white) A (blue)
		6 VAC	A22L-C□-6A-10M	A22L-C□-6A-10A	
		12 VAC/DC	A22L-C□-12A-10M	A22L-C□-12A-10A	
		24 VAC/DC	A22L-C□-24A-10M	A22L-C□-24A-10A	
	SPST-NC	6 VDC	A22L-C□-6D-01M	A22L-C□-6D-01A	
		6 VAC	A22L-C□-6A-01M	A22L-C□-6A-01A	
		12 VAC/DC	A22L-C□-12A-01M	A22L-C□-12A-01A	
		24 VAC/DC	A22L-C□-24A-01M	A22L-C□-24A-01A	

(This table continues on the next page.)













## Pushbutton Switches

### Illuminated Square Type (continued)



Description		Part number			Operator color
Appearance	Contacts	Rated voltage	Momentary operation	Maintained operation	
Square extended LED lighting (without transformer) <i>(continued)</i> 	SPST-NO + SPST-NC	6 VDC	A22L-C□-6D-11M	A22L-C□-6D-11A	Insert one of the following letters into the box □. R (red) Y (yellow) G (green) W (white) A (blue)
		6 VAC	A22L-C□-6A-11M	A22L-C□-6A-11A	
		12 VAC/DC	A22L-C□-12A-11M	A22L-C□-12A-11A	
		24 VAC/DC	A22L-C□-24A-11M	A22L-C□-24A-11A	
	DPST-NO	6 VDC	A22L-C□-6D-20M	A22L-C□-6D-20A	
		6 VAC	A22L-C□-6A-20M	A22L-C□-6A-20A	
		12 VAC/DC	A22L-C□-12A-20M	A22L-C□-12A-20A	
		24 VAC/DC	A22L-C□-24A-20M	A22L-C□-24A-20A	
	DPST-NC	6 VDC	A22L-C□-6D-02M	A22L-C□-6D-02A	
		6 VAC	A22L-C□-6A-02M	A22L-C□-6A-02A	
		12 VAC/DC	A22L-C□-12A-02M	A22L-C□-12A-02A	
		24 VAC/DC	A22L-C□-24A-02M	A22L-C□-24A-02A	
Square extended LED lighting (with transformer) 	SPST-NO	110 VAC	A22L-C□-T1-10M	A22L-C□-T1-10A	
		220 VAC	A22L-C□-T2-10M	A22L-C□-T2-10A	
	SPST-NC	110 VAC	A22L-C□-T1-01M	A22L-C□-T1-01A	
		220 VAC	A22L-C□-T2-01M	A22L-C□-T2-01A	
	SPST-NO + SPST-NC	110 VAC	A22L-C□-T1-11M	A22L-C□-T1-11A	
		220 VAC	A22L-C□-T2-11M	A22L-C□-T2-11A	
	DPST-NO	110 VAC	A22L-C□-T1-20M	A22L-C□-T1-20A	
		220 VAC	A22L-C□-T2-20M	A22L-C□-T2-20A	
	DPST-NC	110 VAC	A22L-C□-T1-02M	A22L-C□-T1-02A	
		220 VAC	A22L-C□-T2-02M	A22L-C□-T2-02A	
Square full-guard LED lighting (without transformer) 	SPST-NO	6 VDC	A22L-D□-6D-10M	A22L-D□-6D-10A	
		6 VAC	A22L-D□-6A-10M	A22L-D□-6A-10A	
		12 VAC/DC	A22L-D□-12A-10M	A22L-D□-12A-10A	
		24 VAC/DC	A22L-D□-24A-10M	A22L-D□-24A-10A	
	SPST-NC	6 VDC	A22L-D□-6D-01M	A22L-D□-6D-01A	
		6 VAC	A22L-D□-6A-01M	A22L-D□-6A-01A	
		12 VAC/DC	A22L-D□-12A-01M	A22L-D□-12A-01A	
		24 VAC/DC	A22L-D□-24A-01M	A22L-D□-24A-01A	
	SPST-NO + SPST-NC	6 VDC	A22L-D□-6D-11M	A22L-D□-6D-11A	
		6 VAC	A22L-D□-6A-11M	A22L-D□-6A-11A	
		12 VAC/DC	A22L-D□-12A-11M	A22L-D□-12A-11A	
		24 VAC/DC	A22L-D□-24A-11M	A22L-D□-24A-11A	
	DPST-NO	6 VDC	A22L-D□-6D-20M	A22L-D□-6D-20A	
		6 VAC	A22L-D□-6A-20M	A22L-D□-6A-20A	
		12 VAC/DC	A22L-D□-12A-20M	A22L-D□-12A-20A	
		24 VAC/DC	A22L-D□-24A-20M	A22L-D□-24A-20A	
	DPST-NC	6 VDC	A22L-D□-6D-02M	A22L-D□-6D-02A	
		6 VAC	A22L-D□-6A-02M	A22L-D□-6A-02A	
12 VAC/DC		A22L-D□-12A-02M	A22L-D□-12A-02A		
24 VAC/DC		A22L-D□-24A-02M	A22L-D□-24A-02A		
Square full-guard LED lighting (with transformer) 	SPST-NO	110 VAC	A22L-D□-T1-10M	A22L-D□-T1-10A	
		220 VAC	A22L-D□-T2-10M	A22L-D□-T2-10A	
	SPST-NC	110 VAC	A22L-D□-T1-01M	A22L-D□-T1-01A	
		220 VAC	A22L-D□-T2-01M	A22L-D□-T2-01A	
	SPST-NO + SPST-NC	110 VAC	A22L-D□-T1-11M	A22L-D□-T1-11A	
		220 VAC	A22L-D□-T2-11M	A22L-D□-T2-11A	
	DPST-NO	110 VAC	A22L-D□-T1-20M	A22L-D□-T1-20A	
		220 VAC	A22L-D□-T2-20M	A22L-D□-T2-20A	
	DPST-NC	110 VAC	A22L-D□-T1-02M	A22L-D□-T1-02A	
		220 VAC	A22L-D□-T2-02M	A22L-D□-T2-02A	

## Selector Switches

### Non-illuminated Knob Type

Appearance	Positions	Operating method	Contacts	Part number	Operator color
Knob 	2 positions	Maintained 	SPST-NO	A22S-2M-10	Black
			SPST-NC	A22S-2M-01	
			SPST-NO + SPST-NC	A22S-2M-11	
			DPST-NO	A22S-2M-20	
			DPST-NC	A22S-2M-02	
		Spring return 	SPST-NO	A22S-2A-10	
	3 positions	Maintained 	SPST-NO + SPST-NC	A22S-3M-11	
			DPST-NO	A22S-3M-20	
			DPST-NC	A22S-3M-02	
		Spring return 	SPST-NO + SPST-NC	A22S-3A-11	
			DPST-NO	A22S-3A-20	
			DPST-NC	A22S-3A-02	
Extended lever knob 	2 positions	Maintained 	SPST-NO	A22S-C2M-10	
			SPST-NC	A22S-C2M-01	
			SPST-NO + SPST-NC	A22S-C2M-11	
			DPST-NO	A22S-C2M-20	
			DPST-NC	A22S-C2M-02	
		Spring return 	SPST-NO	A22S-C2A-10	
	3 positions	Maintained 	SPST-NO + SPST-NC	A22S-C3M-11	
			DPST-NO	A22S-C3M-20	
			DPST-NC	A22S-C3M-02	
		Spring return 	SPST-NO + SPST-NC	A22S-C3A-11	
			DPST-NO	A22S-C3A-20	
			DPST-NC	A22S-C3A-02	

### Illuminated Knob Type






Appearance	Positions	Operating method	Contacts	Rated voltage	Part number	Operator color
Knob LED lighting (without transformer) 	2 positions	Maintained 	SPST-NO	6 VDC	A22W-2M□-6D-10	Insert one of the following letters into the box □. R (red) Y (yellow) G (green) A (blue)
				6 VAC	A22W-2M□-6A-10	
				12 VAC/DC	A22W-2M□-12A-10	
				24 VAC/DC	A22W-2M□-24A-10	
			SPST-NC	6 VDC	A22W-2M□-6D-01	
				6 VAC	A22W-2M□-6A-01	
				12 VAC/DC	A22W-2M□-12A-01	
				24 VAC/DC	A22W-2M□-24A-01	
			SPST-NO + SPST-NC	6 VDC	A22W-2M□-6D-11	
				6 VAC	A22W-2M□-6A-11	
				12 VAC/DC	A22W-2M□-12A-11	
				24 VAC/DC	A22W-2M□-24A-11	
			DPST-NO	6 VDC	A22W-2M□-6D-20	
				6 VAC	A22W-2M□-6A-20	
				12 VAC/DC	A22W-2M□-12A-20	
				24 VAC/DC	A22W-2M□-24A-20	
			DPST-NC	6 VDC	A22W-2M□-6D-02	
				6 VAC	A22W-2M□-6A-02	
				12 VAC/DC	A22W-2M□-12A-02	
				24 VAC/DC	A22W-2M□-24A-02	

Note: Refer to page 11 for contact configurations.













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## Selector Switches















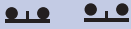
### Illuminated Knob Type (continued)

Appearance	Positions	Operating method	Contacts	Rated voltage	Part number	Operator color
Knob LED lighting (without transformer) (continued) 	2 positions	Spring return 	SPST-NO	6 VDC	A22W-2A□-6D-10	Insert one of the following letters into the box □. R (red) Y (yellow) G (green) A (blue)
				6 VAC	A22W-2A□-6A-10	
				12 VAC/DC	A22W-2A□-12A-10	
				24 VAC/DC	A22W-2A□-24A-10	
			SPST-NC	6 VDC	A22W-2A□-6D-01	
				6 VAC	A22W-2M□-6A-01	
				12 VAC/DC	A22W-2A□-12A-01	
				24 VAC/DC	A22W-2A□-24A-01	
			SPST-NO + SPST-NC	6 VDC	A22W-2A□-6D-11	
				6 VAC	A22W-2A□-6A-11	
				12 VAC/DC	A22W-2A□-12A-11	
				24 VAC/DC	A22W-2A□-24A-11	
			DPST-NO	6 VDC	A22W-2A□-6D-20	
				6 VAC	A22W-2A□-6A-20	
				12 VAC/DC	A22W-2A□-12A-20	
24 VAC/DC	A22W-2A□-24A-20					
DPST-NC	6 VDC	A22W-2A□-6D-02				
	6 VAC	A22W-2A□-6A-02				
	12 VAC/DC	A22W-2A□-12A-02				
	24 VAC/DC	A22W-2A□-24A-02				
Knob LED lighting (without transformer) 	3 positions	Maintained 	SPST-NO + SPST-NC	6 VDC	A22W-3M□-6D-11	
				6 VAC	A22W-3M□-6A-11	
				12 VAC/DC	A22W-3M□-12A-11	
				24 VAC/DC	A22W-3M□-24A-11	
			DPST-NO	6 VDC	A22W-3M□-6D-20	
				6 VAC	A22W-3M□-6A-20	
		12 VAC/DC		A22W-3M□-12A-20		
		24 VAC/DC		A22W-3M□-24A-20		
		DPST-NC	6 VDC	A22W-3M□-6D-02		
			6 VAC	A22W-3M□-6A-02		
			12 VAC/DC	A22W-3M□-12A-02		
			24 VAC/DC	A22W-3M□-24A-02		
Spring return 	SPST-NO + SPST-NC	6 VDC	A22W-3A□-6D-11			
		6 VAC	A22W-3A□-6A-11			
		12 VAC/DC	A22W-3A□-12A-11			
		24 VAC/DC	A22W-3A□-24A-11			
	DPST-NO	6 VDC	A22W-3A□-6D-20			
		6 VAC	A22W-3A□-6A-20			
12 VAC/DC		A22W-3A□-12A-20				
24 VAC/DC		A22W-3A□-24A-20				
DPST-NC	6 VDC	A22W-3A□-6D-02				
	6 VAC	A22W-3A□-6A-02				
	12 VAC/DC	A22W-3A□-12A-02				
	24 VAC/DC	A22W-3A□-24A-02				

### Contact Configurations for Selector Switches







2 Position Type					
Knob position	SPST-NO	SPST-NC	SPST-NO + SPST-NC	DPST-NO	DPST-NC
					
					













3 Position Type				
Knob position	SPST-NO +SPST-NC		DPST-NO	DPST-NC
				
				
				

## Selector Switches

### Illuminated Knob Type (continued)

Appearance	Positions	Operating method	Contacts	Rated voltage	Part number	Operator color		
Knob LED lighting (with transformer) 	2 positions	Maintained 	SPST-NO	110 VAC 220 VAC	A22W-2M□-T1-10 A22W-2M□-T2-10	Insert one of the following letters into the box □. R (red) Y (yellow) G (green) A (blue)		
			SPST-NC	110 VAC 220 VAC	A22W-2M□-T1-01 A22W-2M□-T2-01			
			SPST-NO + SPST-NC	110 VAC 220 VAC	A22W-2M□-T1-11 A22W-2M□-T2-11			
			DPST-NO	110 VAC 220 VAC	A22W-2M□-T1-20 A22W-2M□-T2-20			
			DPST-NC	110 VAC 220 VAC	A22W-2M□-T1-02 A22W-2M□-T2-02			
			Spring return 	SPST-NO	110 VAC 220 VAC		A22W-2A□-T1-10 A22W-2A□-T2-10	
		SPST-NC	110 VAC 220 VAC	A22W-2A□-T1-01 A22W-2A□-T2-01				
		SPST-NO + SPST-NC	110 VAC 220 VAC	A22W-2A□-T1-11 A22W-2A□-T2-11				
		DPST-NO	110 VAC 220 VAC	A22W-2A□-T1-20 A22W-2A□-T2-20				
		DPST-NC	110 VAC 220 VAC	A22W-2A□-T1-02 A22W-2A□-T2-02				
		Knob LED lighting (with transformer) 	3 positions	Maintained 	SPST-NO + SPST-NC		110 VAC 220 VAC	A22W-3M□-T1-11 A22W-3M□-T2-11
					DPST-NO		110 VAC 220 VAC	A22W-3M□-T1-20 A22W-3M□-T2-20
					DPST-NC		110 VAC 220 VAC	A22W-3M□-T1-02 A22W-3M□-T2-02
				Spring return 	SPST-NO + SPST-NC		110 VAC 220 VAC	A22W-3A□-T1-11 A22W-3A□-T2-11
DPST-NO	110 VAC 220 VAC				A22W-3A□-T1-20 A22W-3A□-T2-20			
DPST-NC	110 VAC 220 VAC				A22W-3A□-T1-02 A22W-3A□-T2-02			

### Non-illuminated Key type



















Appearance	Positions	Operator type	Contacts	Key release position	Part number	Color of operational unit
Key 	2 positions	Maintained 	SPST-NO		A22K-2ML-10	Black
					A22K-2M-10	
			SPST-NC		A22K-2ML-01	
					A22K-2M-01	
			SPST-NO + SPST-NC		A22K-2ML-11	
					A22K-2M-11	
			DPST-NO		A22K-2ML-20	
					A22K-2M-20	
			DPST-NC		A22K-2ML-02	
					A22K-2M-02	

Note: Refer to page 11 for contact configurations.

(This table continues on the next page.)


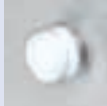


## Selector Switches

### Non-illuminated Key Type (continued)

Appearance	Positions	Operator type	Contacts	Key release position	Part number	Color of operational unit
Key (continued) 	2 positions	Spring return 	SPST-NO		A22K-2AL-10	Black
			SPST-NC		A22K-2AL-01	
			SPST-NO + SPST-NC		A22K-2AL-11	
			DPST-NO		A22K-2AL-20	
			DPST-NC		A22K-2AL-02	
	3 positions	Maintained 	SPST-NO + SPST-NC		A22K-3ML-11	
					A22K-3M-11	
					A22K-3MC-11	
			DPST-NO		A22K-3ML-20	
					A22K-3M-20	
					A22K-3MC-20	
			DPST-NC		A22K-3ML-02	
					A22K-3M-02	
					A22K-3MC-02	
					A22K-3AC-11	
Spring return 	Spring return	SPST-NO + SPST-NC		A22K-3AC-11		
		DPST-NO		A22K-3AC-20		
		DPST-NC		A22K-3AC-02		

Note: Refer to page 11 for contact configurations.

### Illuminated Pilot Light

Appearance	Lighting	Rated voltage	Part number	Operator color
Round/Flush without transformer 	LED	6 VDC	M22-F□-6D	Insert one of the following letters into the box □. R (red) Y (yellow) G (green) W (white) A (blue)
		6 VAC	M22-F□-6A	
		12 VAC/DC	M22-F□-12A	
		24 VAC/DC	M22-F□-24A	
Round/Flush with transformer 	LED	110 VAC	M22-F□-T1	
		220 VAC	M22-F□-T2	
Square/Extended without transformer 	LED	6 VDC	M22-C□-6D	
		6 VAC	M22-C□-6A	
		12 VAC/DC	M22-C□-12A	
		24 VAC/DC	M22-C□-24A	
Square/Extended with transformer 	LED	110 VAC	M22-C□-T1	
		220 VAC	M22-C□-T2	








**Note:** To order incandescent versions of the M22 Pilot Light, replace the part number suffix (i.e., 12A, 24A, T1) with the appropriate code from the table below. Example: M22-FR-24 is a red, round indicator with 24 VAC incandescent light source.

#### Incandescent Light Source



Code	Rated Voltage
5	5 VAC
12	12VAC
24	24 VAC
HI	110 VAC

## Emergency Stop Switches











### Non-illuminated Push-lock - Pull-reset, Turn-reset, and Key-reset Types

Appearance	Output	Part number	Color of cap
40 mm dia. head push-lock, pull-reset 	SPST-NC	A22E-MP-01	Red
	SPST-NO + SPST-NC	A22E-MP-11	
	DPST-NC	A22E-MP-02	
60 mm dia. head push-lock, pull-reset 	SPST-NC	A22E-LP-01	
	SPST-NO + SPST-NC	A22E-LP-11	
	DPST-NC	A22E-LP-02	
30 mm dia. head push-lock, turn-reset 	SPST-NC	A22E-S-01	
	SPST-NO + SPST-NC	A22E-S-11	
	DPST-NC	A22E-S-02	
40 mm dia. head push-lock, turn-reset 	SPST-NC	A22E-M-01	
	SPST-NO + SPST-NC	A22E-M-11	
	DPST-NC	A22E-M-02	
60 mm dia. head push-lock, turn-reset 	SPST-NC	A22E-L-01	
	SPST-NO + SPST-NC	A22E-L-11	
	DPST-NC	A22E-L-02	
30 mm dia. head push-lock, key-reset 	SPST-NC	A22E-SK-01	
	SPST-NO + SPST-NC	A22E-SK-11	
	DPST-NC	A22E-SK-02	
40 mm dia. head push-lock, key-reset 	SPST-NC	A22E-MK-01	
	SPST-NO + SPST-NC	A22E-MK-11	
	DPST-NC	A22E-MK-02	

### Illuminated Push-lock, Turn-reset Type

Appearance	Output	Rated voltage	Part number	Color of cap
40 mm dia. head push-lock, turn-reset LED lighting 	SPST-NC	6 VDC	A22EL-M-6D-01	Red
		6 VAC/DC	A22EL-M-6A-01	
		12 VAC/DC	A22EL-M-12A-01	
		24 VAC/DC	A22EL-M-24A-01	
	SPST-NO + SPST-NC	6 VDC	A22EL-M-6D-11	
		6 VAC/DC	A22EL-M-6A-11	
		12 VAC/DC	A22EL-M-12A-11	
		24 VAC/DC	A22EL-M-24A-11	
	DPST-NC	6 VDC	A22EL-M-6D-02	
		6 VAC/DC	A22EL-M-6A-02	
		12 VAC/DC	A22EL-M-12A-02	
		24 VAC/DC	A22EL-M-24A-02	
40 mm dia. head push-lock, turn-reset with transformer LED lighting 	SPST-NC	110 VAC	A22EL-M-T1-01	
		220 VAC	A22EL-M-T2-01	
	SPST-NO + SPST-NC	110 VAC	A22EL-M-T1-11	
		220 VAC	A22EL-M-T2-11	
	DPST-NC	110 VAC	A22EL-M-T1-02	
		220 VAC	A22EL-M-T2-02	

## Accessories

Item		Appearance	Classification		Remarks	Part number			
Contact Blocks			SPST-NO	General-purpose load	Provided as standard. Order contact blocks only when adding or replacing them.	A22-10			
				Microload		A22-10S			
			SPST-NC	General-purpose load		A22-01			
				Microload		A22-01S			
			SPST-NO/SPST-NC	General-purpose load		A22-11			
				Microload		A22-20			
DPST-NO	General-purpose load	A22-20S							
	Microload	A22-02							
Lamp Sockets			Direct lighting	Used when changing the lighting method.	A22-TN				
			Transformer illumination		110 VAC	A22-T1			
					220 VAC	A22-T2			
			Mounting Latches			For momentary operation models	Provided as standard. Order mounting latches only when mounting contact blocks or lamp sockets are purchased individually.	A22-3200	
						For maintained operation models		A22-3210	
Legend plate frames	Standard size		With Snap-in Legend Plate (Without text)	White	Snap-in legend plate is acrylic.	A22Z-3321			
				Red		A22Z-3322			
				Black		A22Z-3323			
	Without Snap-in Legend Plate		A22Z-3320						
	Large size		With Snap-in Legend Plate (Without text)	White		A22Z-3331			
				Red		A22Z-3332			
Black		A22Z-3333							
Without Snap-in Legend Plate		A22Z-3330							
Lock fitting			Round	The body is equipped with a lock fitting. This lock fitting is used when a more secure lock feature is required.	A22Z-3360				
Metallic bezel rings			For flush or projection models For full-guard models	Replace with the standard model. Material: nickel-plated zinc.	A22Z-3580 A22Z-3582				
Sealing caps			For flush models For extended models For full-guard models	Used to prevent dust or water from entering the operational unit. Color: opaque. Material: silicon.	A22Z-3600F A22Z-3600T A22Z-3600G				
Color lenses			Red Green Yellow White Blue	Used for changing the operational unit color of the pushbutton switch.	A22Z-30TR A22Z-30TG A22Z-30TY A22Z-30TW A22Z-30TA				
Three-throw spacers			For Pushbutton Switches	Used when mounting three non-illuminated switch units. Cannot be used with illuminated emergency stop switches.	A22Z-3003				
Hole plug			Round	Can be plugged into pre-cut panel holes for future expansion. The color is black. Can be fit into a 25 mm dia. hole in the panel.	A22Z-3550				
25 mm dia. ring			25 mm ring	Since this is not attached to the main body, order separately.	A22Z-R25				

## Accessories

Item	Appearance	Classification	Remarks	Part number	
Snap-in legend plates		Without text	Black Red White Transparent	Attached to the standard-size legend plate frame. Material: Acrylic.	A22Z-3443B
		White text on red background	○ STOP		A22Z-3443R-2
		White text on black background	I START ON OFF UP DOWN POWER ON OFF-ON		A22Z-3443R-4
					A22Z-3443B-1
					A22Z-3443B-3
					A22Z-3443B-5
					A22Z-3443B-6
					A22Z-3443B-7
					A22Z-3443B-8
					A22Z-3443B-9
		A22Z-3443B-10			
Large size		Without text	Black Red White Transparent	Attached to the large-size legend plate frame. Material: Acrylic.	A22Z-3453B
					A22Z-3453R
					A22Z-3453W
					A22Z-3453C
For Emergency Stop Switch		60 dia. round plate with black letters on a yellow background	"EMERGENCY STOP" is engraved on the plate. Used as an emergency stop switch legend plate.	A22N-PE190	
		90 dia. round plate with black letters on a yellow background		A22N-PE191	
Character films		No print (Round)	After printing on a film, affix to the indicator plate of the illuminated pushbutton switch (The back is coated with adhesive.)	A22Z-3460	
		Character print (Round)		I	A22Z-3460-1
				○	A22Z-3460-2
				START STOP	A22Z-3460-3 A22Z-3460-4
No print (Square)		A22Z-3480			
Lamp extractor			Rubber tool used to easily replace lamps.	A22Z-3901	
Tightening wrench			Tool used to tighten nuts from the back of the panel.	A22Z-3905	
Lens tightening tool			Used for replacing the cap of the half-guard pushbutton switch.	A22Z-3908	
Lens puller			Used for removing the lens from the indicator of the square illuminated pushbutton switch.	A3PJ-5080	

## Enclosures



Material	Hole size	Number of holes	Part number
Metallic	22.5 mm (0.88 in)	1	A22N-MENC-1
		2	A22N-MENC-2
		3	A22N-MENC-3
		4	A22N-MENC-4
		6	A22N-MENC-6
		9	A22N-MENC-9
		12	A22N-MENC-12
		16	A22N-MENC-16
Polyester	22.5 mm (0.88 in)	1	A22N-PENC-1
		2	A22N-PENC-2
		3	A22N-PENC-3



## Standard Nameplates

To complete the part number of the standard nameplates, select the plate type and add the number from the table below for the required text.

All plastic nameplates are adhesive backed for easy, permanent installation.

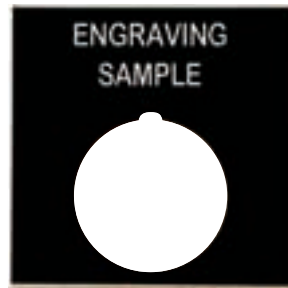
For custom engraved nameplates please use the order form on the next page.

Example: Plastic Square Nameplate engraved "RESET": A22N-PS38

A22N-\_\_\_\_

Number from table below

Code	Material/Shape	Code	Material/Shape	Code	Material/Shape	Code	Material/Shape
PR	Plastic Rectangular	PS	Plastic Square	PX	Plastic Shield	MR	Metal Rectangular



All plastic nameplates are supplied standard with white lettering on a black background.

Metal nameplates are brushed aluminum with black lettering.

1	AUTO	26	LOWER	50	3RD SPEED	122	SAFE-RUN	167	OFF-LOC-REMOTE
2	CLOSE	27	MOTOR RUN	51	4TH SPEED	123	SLOW-FAST	168	OFF-MAN-AUTO
3	CYCLE START	28	MOTOR STOP	100	AUTO-MAN	124	START-JOG	169	OFF-SLOW-FAST
4	CYCLE STOP	29	OFF	101	CLOSE-OPEN	125	START-STOP	170	OFF-1-2
5	DECREASE	30	ON	102	DOWN-UP	126	STOP-START	171	OPEN-OFF-CLOSE
6	DOWN	31	OPEN	103	FAST-SLOW	127	SUMMER-WINTER	172	RAISE-OFF-LOWER
8	FAST	32	OUT	104	FOR-REV	128	UP-DOWN	173	SLOW-OFF-FAST
9	FAULT	33	POWER ON	105	HAND-AUTO	150	AUTO-MAN-OFF	174	SLOW-OFF-START
10	FEED	34	PULL TO START	106	HIGH-LOW	151	AUTO-OFF-HAND	175	START-JOG-STOP
11	FEED START	35	PUSH TO TEST	107	INCH-REVERSE	152	AUTO-OFF-MAN	176	START-RUN-STOP
12	FEED STOP	36	PUSH TO STOP	108	JOG-FOR	153	CLOSE-OFF-OPEN	177	UP-OFF-DOWN
13	FLUID LEVEL LOW	37	RAISE	109	JOG-REV	154	DOWN-OFF-SLOW	178	1-OFF-2
14	FORWARD	38	RESET	110	JOG-RUN	155	FAST-OFF-SLOW	179	HAND-OFF-AUTO
15	FULL SPEED	39	REVERSE	111	LEFT-RUN	156	FOR-OFF-REV	180	I
16	HAND	40	RIGHT	112	LOWER-RAISE	157	FOR-STOP-REV	181	II
17	HIGH	41	RUN	113	MAN-AUTO	158	HIGH-LOW-OFF	182	I-O
18	IN	42	SLOW	114	OFF-ON	159	HIGH-OFF-LOW	183	O-I
19	INCH	43	SPEED	115	ON-OFF	160	JOG-SAFE-RUN	184	I-O-II
20	INCREASE	44	START	116	OPEN-CLOSE	161	JOG-STOP-RUN	185	I-II
21	JOG	45	STOP	117	RAISE-LOWER	162	LEFT-OFF-RIGHT	186	I-O-I
22	JOG FORWARD	46	TEST	118	REV-FOR	163	LOC-OFF-REMOTE	187	I-II-III
23	LEFT	47	UP	119	RUN-INCH	164	LOW-OFF-HIGH	188	III
24	LOW	48	1ST SPEED	120	RUN-JOG	165	LOWER-OFF-RAISE	200	BLANK NAMEPLATE
25	LOW SPEED	49	2ND SPEED	121	RUN-SAFE	166	OFF COOLANT ON		

## Emergency Stop Nameplates



A22N-PR7



A22N-PS7



A22N-PX7



A22N-PE190  
60 mm diameter



A22N-PE191  
90 mm diameter

# Custom Engraved Nameplates \_\_\_\_\_ Order Form

Copy this order form and utilize it to specify Custom Engraved Nameplates. Once completed, mail the form to:

Omron Electronics LLC, Attn: Customer Service, One Commerce Drive, Schaumburg, IL 60173-5302

Or, you may fax this form to either Omron Electronics LLC at: 847.843.8261 or to your local Omron sales office.

**Bill to:**

Date: \_\_\_\_\_

Company name: \_\_\_\_\_

Your name: \_\_\_\_\_

Address: \_\_\_\_\_

Your signature: \_\_\_\_\_

City/State/Zip: \_\_\_\_\_

P.O.# \_\_\_\_\_

Attention: \_\_\_\_\_

Fax: \_\_\_\_\_

**Ship to:**

Company name: \_\_\_\_\_

Address: \_\_\_\_\_

City/State/Zip: \_\_\_\_\_

Attention: \_\_\_\_\_

Phone: \_\_\_\_\_

**To order:**

Select blank nameplate **Shape** (circle A, B, C, or D). For plastic nameplates - Select **Nameplate Color** (circle Black, Yellow, Red, or White).

Select **Text Color** (circle Black or White). Note - Metal nameplates are brushed aluminum with black text. All plastic nameplates are adhesive backed.

Fill in the **QUANTITY** box. Print text in the spaces provided as it should appear on the finished nameplate.

**A - Plastic Rectangular**

11 characters max.  
2 lines max.



A22N-PR200E

**B - Plastic Square**

14 characters max.  
2 lines max.



A22N-PS200E

**C - Plastic Shield**

11 characters max.  
2 lines max.



A22N-PX200E

**D - Metal Rectangular**

11 characters max.  
2 lines max.



A22N-MR200E

Shape	_____	A	B	C	D	<input type="text"/> <b>QUANTITY</b>
Nameplate Color	—	Black	Yellow	Red	White	
Text Color	_____	Black	White			
<hr/> <hr/>						




Shape	_____	A	B	C	D	<input type="text"/> <b>QUANTITY</b>
Nameplate Color	—	Black	Yellow	Red	White	
Text Color	_____	Black	White			
<hr/> <hr/>						

Shape	_____	A	B	C	D	<input type="text"/> <b>QUANTITY</b>
Nameplate Color	—	Black	Yellow	Red	White	
Text Color	_____	Black	White			
<hr/> <hr/>						




Shape	_____	A	B	C	D	<input type="text"/> <b>QUANTITY</b>
Nameplate Color	—	Black	Yellow	Red	White	
Text Color	_____	Black	White			
<hr/> <hr/>						

## Pushbutton Switches

### Non-illuminated Pushbutton

Appearance	Contacts	Part number				Operator color
		Momentary operation		Maintained operation		
		Enclosed (IP40)	Oiltight (IP65)	Enclosed (IP40)	Oiltight (IP65)	
	SPDT	A16-TQM-1	A165-TQM-1	A16-TQA-1	A165-TQA-1	Insert one of the following letters into the box □. R (red) Y (yellow) G (green) W (white) A (blue) B (black)
	DPDT	A16-TQM-2	A165-TQM-2	A16-TQA-2	A165-TQA-2	
	SPDT	A16-AQM-1	A165-AQM-1	A16-AQA-1	A165-AQA-1	
	DPDT	A16-AQM-2	A165-AQM-2	A16-AQA-2	A165-AQA-2	
	SPDT	A16-JQM-1	A165-JQM-1	A16-JQA-1	A165-JQA-1	
	DPDT	A16-JQM-2	A165-JQM-2	A16-JQA-2	A165-JQA-2	




### Illuminated Pushbutton

Appearance	Illumination method	Voltage	Contacts	Part number				Operator color		
				Momentary operation		Maintained operation				
				Enclosed (IP40)	Oiltight (IP65)	Enclosed (IP40)	Oiltight (IP65)			
	LED (DC)	5 V	SPDT	A16L-TQM-5D-1	A165L-TQM-5D-1	A16L-TQA-5D-1	A165L-TQA-5D-1	Insert one of the following letters into the box □. R (red) Y (yellow) G (green) W (white) A (blue)		
				A16L-TQM-12D-1	A165L-TQM-12D-1	A16L-TQA-12D-1	A165L-TQA-12D-1			
				A16L-TQM-24D-1	A165L-TQM-24D-1	A16L-TQA-24D-1	A165L-TQA-24D-1			
	A16L-TQM-5-1	A165L-TQM-5-1		A16L-TQA-5-1	A165L-TQA-5-1					
	A16L-TQM-12-1	A165L-TQM-12-1		A16L-TQA-12-1	A165L-TQA-12-1					
	A16L-TQM-24-1	A165L-TQM-24-1		A16L-TQA-24-1	A165L-TQA-24-1					
	Incandescent lamp (AC/DC)	5 V	12 V	24 V	A16L-TQM-5-2	A165L-TQM-5-2	A16L-TQA-5-2		A165L-TQA-5-2	
					A16L-TQM-12-2	A165L-TQM-12-2	A16L-TQA-12-2		A165L-TQA-12-2	
					A16L-TQM-24-2	A165L-TQM-24-2	A16L-TQA-24-2		A165L-TQA-24-2	
	LED (DC)	5 V	12 V	24 V	DPDT	A16L-TQM-5D-2	A165L-TQM-5D-2		A16L-TQA-5D-2	A165L-TQA-5D-2
						A16L-TQM-12D-2	A165L-TQM-12D-2		A16L-TQA-12D-2	A165L-TQA-12D-2
						A16L-TQM-24D-2	A165L-TQM-24D-2		A16L-TQA-24D-2	A165L-TQA-24D-2
A16L-TQM-5-2	A165L-TQM-5-2	A16L-TQA-5-2	A165L-TQA-5-2							
A16L-TQM-12-2	A165L-TQM-12-2	A16L-TQA-12-2	A165L-TQA-12-2							
A16L-TQM-24-2	A165L-TQM-24-2	A16L-TQA-24-2	A165L-TQA-24-2							
	LED (DC)	5 V	SPDT	A16L-AQM-5D-1	A165L-AQM-5D-1	A16L-AQA-5D-1	A165L-AQA-5D-1			
				A16L-AQM-12D-1	A165L-AQM-12D-1	A16L-AQA-12D-1	A165L-AQA-12D-1			
				A16L-AQM-24D-1	A165L-AQM-24D-1	A16L-AQA-24D-1	A165L-AQA-24D-1			
	A16L-AQM-5-1	A165L-AQM-5-1		A16L-AQA-5-1	A165L-AQA-5-1					
	A16L-AQM-12-1	A165L-AQM-12-1		A16L-AQA-12-1	A165L-AQA-12-1					
	A16L-AQM-24-1	A165L-AQM-24-1		A16L-AQA-24-1	A165L-AQA-24-1					
	Incandescent lamp (AC/DC)	5 V	12 V	24 V	A16L-AQM-5-2	A165L-AQM-5-2	A16L-AQA-5-2	A165L-AQA-5-2		
					A16L-AQM-12-2	A165L-AQM-12-2	A16L-AQA-12-2	A165L-AQA-12-2		
					A16L-AQM-24-2	A165L-AQM-24-2	A16L-AQA-24-2	A165L-AQA-24-2		
	LED (DC)	5 V	12 V	24 V	DPDT	A16L-AQM-5D-2	A165L-AQM-5D-2	A16L-AQA-5D-2	A165L-AQA-5D-2	
						A16L-AQM-12D-2	A165L-AQM-12D-2	A16L-AQA-12D-2	A165L-AQA-12D-2	
						A16L-AQM-24D-2	A165L-AQM-24D-2	A16L-AQA-24D-2	A165L-AQA-24D-2	
A16L-AQM-5-2	A165L-AQM-5-2	A16L-AQA-5-2	A165L-AQA-5-2							
A16L-AQM-12-2	A165L-AQM-12-2	A16L-AQA-12-2	A165L-AQA-12-2							
A16L-AQM-24-2	A165L-AQM-24-2	A16L-AQA-24-2	A165L-AQA-24-2							
	LED (DC)	5 V	SPDT	A16L-JQM-5D-1	A165L-JQM-5D-1	A16L-JQA-5D-1	A165L-JQA-5D-1			
				A16L-JQM-12D-1	A165L-JQM-12D-1	A16L-JQA-12D-1	A165L-JQA-12D-1			
				A16L-JQM-24D-1	A165L-JQM-24D-1	A16L-JQA-24D-1	A165L-JQA-24D-1			
	A16L-JQM-5-1	A165L-JQM-5-1		A16L-JQA-5-1	A165L-JQA-5-1					
	A16L-JQM-12-1	A165L-JQM-12-1		A16L-JQA-12-1	A165L-JQA-12-1					
	A16L-JQM-24-1	A165L-JQM-24-1		A16L-JQA-24-1	A165L-JQA-24-1					
	Incandescent lamp (AC/DC)	5 V	12 V	24 V	A16L-JQM-5-2	A165L-JQM-5-2	A16L-JQA-5-2	A165L-JQA-5-2		
					A16L-JQM-12-2	A165L-JQM-12-2	A16L-JQA-12-2	A165L-JQA-12-2		
					A16L-JQM-24-2	A165L-JQM-24-2	A16L-JQA-24-2	A165L-JQA-24-2		
	LED (DC)	5 V	12 V	24 V	DPDT	A16L-JQM-5D-2	A165L-JQM-5D-2	A16L-JQA-5D-2	A165L-JQA-5D-2	
						A16L-JQM-12D-2	A165L-JQM-12D-2	A16L-JQA-12D-2	A165L-JQA-12D-2	
						A16L-JQM-24D-2	A165L-JQM-24D-2	A16L-JQA-24D-2	A165L-JQA-24D-2	
A16L-JQM-5-2	A165L-JQM-5-2	A16L-JQA-5-2	A165L-JQA-5-2							
A16L-JQM-12-2	A165L-JQM-12-2	A16L-JQA-12-2	A165L-JQA-12-2							
A16L-JQM-24-2	A165L-JQM-24-2	A16L-JQA-24-2	A165L-JQA-24-2							




Note: To order illuminated pushbuttons with 110 VAC transformer, replace the voltage code (5, 12, 24, 5D, 12D, 24D) with T1 for 110 VAC or T2 for 220 VAC. The secondary voltage of the transformer is always 24 VDC.

## Selector Switches

### Non-illuminated Knob Type

Appearance	Positions	Contacts	Reset method	Part number	Operator color
Round 	2 positions	SPDT	Maintained	A165S-T2M-1	Black
			Spring return (right)	A165S-T2A-1	
	3 positions	DPDT	Maintained	A165S-T2M-2	
			Spring return (right)	A165S-T2A-2	
	3 positions	DPDT	Maintained	A165S-T3M-2	
			Spring return (both)	A165S-T3A-2	
Square 	2 positions	SPDT	Maintained	A165S-A2M-1	
			Spring return (right)	A165S-A2A-1	
	3 positions	DPDT	Maintained	A165S-A2M-2	
			Spring return (right)	A165S-A2A-2	
	3 positions	DPDT	Maintained	A165S-A3M-2	
			Spring return (both)	A165S-A3A-2	
Rectangular 	2 positions	SPDT	Maintained	A165S-J2M-1	
			Spring return (right)	A165S-J2A-1	
	3 positions	DPDT	Maintained	A165S-J2M-2	
			Spring return (right)	A165S-J2A-2	
	3 positions	DPDT	Maintained	A165S-J3M-2	
			Spring return (both)	A165S-J3A-2	




### Illuminated Knob Type (2-Position)

Appearance	Type	Rated voltage	Contacts	Part number		Operator color	
				Maintained	Spring return from right		
Round 	Full voltage LED (DC)	5 VDC	SPDT	A165W-T2M□-5D-1	A165W-T2A□-5D-1	Insert one of the following letters into the box □. R (red) Y (yellow) G (green)	
		12 VDC		A165W-T2M□-12D-1	A165W-T2A□-12D-1		
		24 VDC		A165W-T2M□-24D-1	A165W-T2A□-24D-1		
		Transformer 24 V Secondary		110 VAC	A165W-T2M□-T1-1		A165W-T2A□-T1-1
				220 VAC	A165W-T2M□-T2-1		A165W-T2A□-T2-1
				Full voltage LED (DC)	5 VDC		DPDT
	12 VDC	A165W-T2M□-12D-2	A165W-T2A□-12D-2				
	24 VDC	A165W-T2M□-24D-2	A165W-T2A□-24D-2				
	Transformer 24 V Secondary	110 VAC	A165W-T2M□-T1-2		A165W-T2A□-T1-2		
		220 VAC	A165W-T2M□-T2-2		A165W-T2A□-T2-2		
		Square 	Full voltage LED (DC)		5 VDC		
	12 VDC			A165W-A2M□-12D-1	A165W-A2A□-12D-1		
24 VDC	A165W-A2M□-24D-1			A165W-A2A□-24D-1			
Transformer 24 V Secondary	110 VAC			A165W-A2M□-T1-1	A165W-A2A□-T1-1		
	220 VAC			A165W-A2M□-T2-1	A165W-A2A□-T2-1		
	Full voltage LED (DC)			5 VDC	DPDT	A165W-A2M□-5D-2	A165W-A2A□-5D-2
12 VDC			A165W-A2M□-12D-2	A165W-A2A□-12D-2			
24 VDC			A165W-A2M□-24D-2	A165W-A2A□-24D-2			
Transformer 24 V Secondary			110 VAC	A165W-A2M□-T1-2		A165W-A2A□-T1-2	
			220 VAC	A165W-A2M□-T2-2		A165W-A2A□-T2-2	
			Rectangular 	Full voltage LED (DC)		5 VDC	SPDT
12 VDC	A165W-J2M□-12D-1				A165W-J2A□-12D-1		
24 VDC	A165W-J2M□-24D-1	A165W-J2A□-24D-1					
Transformer 24 V Secondary	110 VAC	A165W-J2M□-T1-1			A165W-J2A□-T1-1		
	220 VAC	A165W-J2M□-T2-1			A165W-J2A□-T2-1		
	Full voltage LED (DC)	5 VDC			DPDT	A165W-J2M□-5D-2	
12 VDC		A165W-J2M□-12D-2		A165W-J2A□-12D-2			
24 VDC		A165W-J2M□-24D-2		A165W-J2A□-24D-2			
Transformer 24 V Secondary		110 VAC		A165W-J2M□-T1-2		A165W-J2A□-T1-2	
		220 VAC		A165W-J2M□-T2-2		A165W-J2A□-T2-2	


Note: Refer to page 23 for contact configurations.

## Selector Switches

### Illuminated Knob Type (3-Position)

Appearance	Type	Rated voltage	Contacts	Part number		Operator color
				Maintained	Spring return from right	
	Full voltage LED (DC)	5 VDC	DPDT	A165W-T3M□-5D-2	A165W-T3A□-5D-2	Insert one of the following letters into the box □. R (red) Y (yellow) G (green)
		12 VDC		A165W-T3M□-12D-2	A165W-T3A□-12D-2	
		24 VDC		A165W-T3M□-24D-2	A165W-T3A□-24D-2	
	Transformer 24 V Secondary	110 VAC		A165W-T3M□-T1-2	A165W-T3A□-T1-2	
		220 VAC		A165W-T3M□-T2-2	A165W-T3A□-T2-2	
	Full voltage LED (DC)	5 VDC	DPDT	A165W-A3M□-5D-2	A165W-A3A□-5D-2	
		12 VDC		A165W-A3M□-12D-2	A165W-A3A□-12D-2	
		24 VDC		A165W-A3M□-24D-2	A165W-A3A□-24D-2	
	Transformer 24 V Secondary	110 VAC		A165W-A3M□-T1-2	A165W-A3A□-T1-2	
		220 VAC		A165W-A3M□-T2-2	A165W-A3A□-T2-2	
	Full voltage LED (DC)	5 VDC	DPDT	A165W-J3M□-5D-2	A165W-J3A□-5D-2	
		12 VDC		A165W-J3M□-12D-2	A165W-J3A□-12D-2	
		24 VDC		A165W-J3M□-24D-2	A165W-J3A□-24D-2	
	Transformer 24 V Secondary	110 VAC		A165W-J3M□-T1-2	A165W-J3A□-T1-2	
		220 VAC		A165W-J3M□-T2-2	A165W-J3A□-T2-2	




### Non-illuminated Key Type

Appearance	Positions	Contacts	Reset method	Key release position	Part number
	2 positions	SPDT	Maintained	Left	A165K-T2ML-1
				Right	A165K-T2MR-1
				All	A165K-T2M-1
		DPDT	Spring return (right)	Left	A165K-T2AL-1
				Right	A165K-T2ML-2
				All	A165K-T2MR-2
	3 positions	DPDT	Maintained	Center	A165K-T3MC-2
				Right	A165K-T3MR-2
				Left	A165K-T3ML-2
		Spring return (both)	All	A165K-T3M-2	
			Center	A165K-T3AC-2	
	2 positions	SPDT	Maintained	Left	A165K-A2ML-1
				Right	A165K-A2MR-1
				All	A165K-A2M-1
		DPDT	Spring return (right)	Left	A165K-A2AL-1
				Right	A165K-A2ML-2
				All	A165K-A2MR-2
	3 positions	DPDT	Maintained	Center	A165K-A3MC-2
				Right	A165K-A3MR-2
				Left	A165K-A3ML-2
		Spring return (both)	All	A165K-A3M-2	
			Center	A165K-A3AC-2	
	2 positions	SPDT	Maintained	Left	A165K-J2ML-1
				Right	A165K-J2MR-1
				All	A165K-J2M-1
		DPDT	Spring return (right)	Left	A165K-J2AL-1
				Right	A165K-J2ML-2
				All	A165K-J2MR-2
	3 positions	DPDT	Maintained	Center	A165K-J3MC-2
				Right	A165K-J3MR-2
				Left	A165K-J3ML-2
		Spring return (both)	All	A165K-J3M-2	
			Center	A165K-J3AC-2	

Note: Refer to page 23 for contact configurations.


## Pilot Lights

### Illuminated Pilot Light

Appearance	Type	Voltage	Part number		Operator color
			IP40	IP65 oiltight	
	Full voltage LED (DC)	5 VDC	M16-T□-5D	M165-T□-5D	Insert one of the following letters into the box □. R (red) Y (yellow) G (green) W (white) A (blue)
		12 VDC	M16-T□-12D	M165-T□-12D	
		24 VDC	M16-T□-24D	M165-T□-24D	
	Full voltage incandescent lamp	5 VAC/DC	M16-T□-5	M165-T□-5	
		12 VAC/DC	M16-T□-12	M165-T□-12	
		24 VAC/DC	M16-T□-24	M165-T□-24	
	Transformer 24 V secondary	110 VAC	M16-T□-T1	M165-T□-T1	
		220 VAC	M16-T□-T2	M165-T□-T2	
		Full voltage LED (DC)	5 VDC	M16-A□-5D	
12 VDC			M16-A□-12D	M165-A□-12D	
24 VDC			M16-A□-24D	M165-A□-24D	
Full voltage incandescent lamp		5 VAC/DC	M16-A□-5	M165-A□-5	
		12 VAC/DC	M16-A□-12	M165-A□-12	
		24 VAC/DC	M16-A□-24	M165-A□-24	
Transformer 24 V secondary		110 VAC	M16-A□-T1	M165-A□-T1	
		220 VAC	M16-A□-T2	M165-A□-T2	
		Full voltage LED (DC)	5 VDC	M16-J□-5D	M165-J□-5D
	12 VDC		M16-J□-12D	M165-J□-12D	
	24 VDC		M16-J□-24D	M165-J□-24D	
	Full voltage incandescent lamp	5 VAC/DC	M16-J□-5	M165-J□-5	
		12 VAC/DC	M16-J□-12	M165-J□-12	
		24 VAC/DC	M16-J□-24	M165-J□-24	
	Transformer 24 V secondary	110 VAC	M16-J□-T1	M165-J□-T1	
		220 VAC	M16-J□-T2	M165-J□-T2	


## Buzzers

### Non-illuminated Buzzer


Appearance	Item		Part number					
			Standard sound (80 dB)			High sound (70 - 100 dB)		
	Sound	With jumper	Intermittent	Intermittent (short)	Intermittent (high-pitched)	Intermittent (short, high-pitched)	Intermittent (high-pitched)	Intermittent (short)
		Without jumper	Continuous	Intermittent (long)	Continuous (high-pitched)	Intermittent (long, high-pitched)	Continuous	Intermittent (long)
	Supply voltage	6 VAC/DC	M2BJ-B06	M2BJ-B06A	M2BJ-B06B	M2BJ-B06C	M2BJ-BH06D	M2BJ-BH06E
		12 to 24 VAC/DC	M2BJ-B24	M2BJ-B24A	M2BJ-B24B	M2BJ-B24C	M2BJ-BH24D	M2BJ-BH24E
	12 to 24 DC	M2BJ-B24-D	—	M2BJ-B24B-D	—	M2BJ-BH24D-D	M2BJ-BH24E-D	

## Emergency Stop Switches




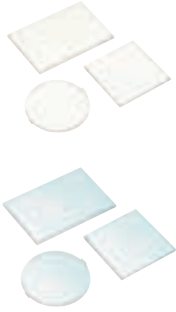
### Non-illuminated Push-lock, Turn-reset Systems




Appearance	Button type	Terminal	Contact type	Part number
	30 dia. red head	Solder terminal	SPST-NC	A165E-S-01
			DPST-NC	A165E-S-02
			TPST-NC	A165E-S-03U (Unibody construction)
	40 dia. red head	Solder terminal	SPST-NC	A165E-M-01
			DPST-NC	A165E-M-02
			TPST-NC	A165E-M-03U (Unibody construction)

### Illuminated Push-lock, Turn-reset Systems









Appearance	Illumination	Rated voltage	Button type	Terminal	Contact type	Part number
	LED	24 VDC	30 dia. red head	Solder terminal	SPST-NC	A165E-LS-24D-01
					DPST-NC	A165E-LS-24D-02
			40 dia. red head	Solder terminal	SPST-NC	A165E-LM-24D-01
					DPST-NC	A165E-LSM-24D-02

## Accessories










Item	Appearance	Classification	Remarks	Part number				
Switch guards		Rectangular	Cannot be used with the dust cover.	A16ZJ-5050				
		Square and round		A16ZA-5050				
Dust covers		Rectangular	Cannot be used with the switch guard.	A16ZJ-5060				
		Square		A16ZA-5060				
		Round		A16ZT-5060				
Panel plugs		Rectangular	Used for covering the panel cutouts for future panel expansion.	A3BJ-3003				
		Square		A3BA-3003				
		Round		A3BT-3003				
Legend panels		Rectangular	IP40	Opaque	A single legend panel (transparent) is included with a standard model.  The opaque legend panel can be used with the IP40 and oil-resistant IP65.	A16ZJ-5204		
				Transparent		A16ZJ-5202		
				Oil-resistant IP65		Opaque	A16ZJ-5204	
						Transparent	A16ZJ-5203	
				Square		IP40	Opaque	A16ZA-5204
							Transparent	A16ZA-5202
		Oil-resistant IP65	IP40	Opaque		A16ZA-5204		
				Transparent		A16ZA-5203		
		Round	IP40	Opaque		A16ZT-5204		
				Transparent		A16ZT-5202		
				Oil-resistant IP65		IP40	Opaque	A16ZT-5204
							Transparent	A16ZT-5203
LED indicator/incandescent lamp/non-illuminated	White			Red	Yellow	Insert one of the following letters into the box (□). J: Rectangular A: Square T: Round  The color cap is supplied. Replace the cap if the color is to be changed. When using an LED indicator, be sure to use a color cap that matches the luminescent color of the LED. The materials used for the IP40 and oil-resistant IP65 are different, so be sure to use a color cap that matches the specifications of the switch.	A16Z□-5001W	
							A16Z□-5001R	
LED indicator	Green	Blue	Green	A16Z□-5001Y				
				A16Z□-5001GY				
Incandescent lamp/non-illuminated	Blue	Green	Black	A16Z□-5001A				
				A16Z□-5001G				
Non-illuminated	Black	White	Red	A16Z□-5011B				
				A16Z□-5011W				
LED indicator/incandescent lamp/non-illuminated	White	Red	Yellow	A16Z□-5101W				
				A16Z□-5101R				
LED indicator	Green	Blue	Green	A16Z□-5101Y				
				A16Z□-5101GY				
Incandescent lamp/non-illuminated	Blue	Green	Black	A16Z□-5101A				
				A16Z□-5101G				
Non-illuminated	Black	White	Red	A16Z□-5111B				
				A16Z□-5111W				

Item	Appearance	Applicable types					Remarks	Part number
		Pushbutton Switch	Knob-type Selector Switch	Key-type Selector Switch	E-Stop Switch	Indicator		
Pushbutton switch extractor		Yes	No	No	No	Yes	Convenient for extracting pushbutton switches.	A3PJ-5080
Screw fitting		Yes	Yes	Yes	Yes	Yes	Convenient for ganged installation. Tighten to a torque of 0.39 N • m (5 kgf • cm) min.	A16Z-3004
Lamp unit extractor		Yes	Yes	Yes	Yes	Yes	Convenient for extracting the switch unit and lamps.	A16Z-5080

### Contact Configurations for Selector Switches

2 Position Type			
Knob position	SPDT (SW)	DPDT (SW1)	DPDT (SW2)
			
			

3 Position Type		
Knob position	DPDT (SW1)	DPDT (SW2)
		
		
		

2 Position



3 Position



# Complete your panel with these reliable Omron products



## Power Supplies

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