

NO: SW-094
DATE: July 2017

PRODUCT: A22N-P, M22N-P, A30N-P Switches
TYPE: Product Release

Contacts with Push-in Plus Terminals Available for A22N-P and A30N-P Pushbuttons and Selectors, M22N-P Indicators

Omron's popular A22N and A30N pushbuttons and selector switches, and M22N Indicators have been expanded to include models with Push-In Plus technology. They were designed with panel builders, OEM's and end users in mind. The expansion of pushbuttons and indicators allows a complete solution within a panel.



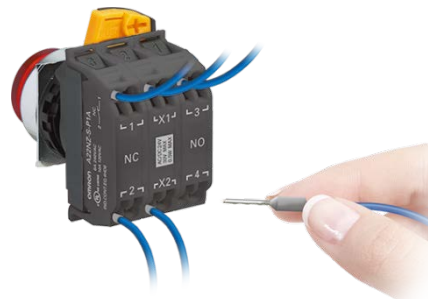
Key Features and Benefits

- The same variety of colors and bezel types are available as in the standard screw type models.
- The Push-In Plus technology allows for quick and easy wiring with or without ferrules, lowering internal costs and improving productivity by reducing wiring time by 60% when compared to screw terminals.
- No tool is required to wire contacts.
- Overall body depth is approximately 20% shorter, saving space in the panel.
- Wiring can be done from the back of the contact block for easy insertion; retightening is not needed with Push-In Plus terminal blocks.
- The Push-in Plus terminal versions of popular models of A22N have been stocked in assembled switches and component parts.
- For A30N pushbutton switches, the A30N-P Push-in Plus terminal version is available when ordered as components.
- All A22N-P and A30N-P use the same contacts blocks, reducing design, purchasing and stocking requirements.
- IP66 rated series offers the variety of options to suit any need.



Simplified Selection























[Selection has been made easy with the link found on the A22N landing page.](#)



Standard Types

A22NN/NL-P Pushbuttons

Button Colors

Non-lighted Switches			A22NN-□□□-N□ Opaque		Red	Green	Yellow	White	Blue	Black			
													
			A22NN-□□□-U□ Transparent		Red	Green	Yellow	White	Blue	Orange			
													
Lighted Switches			A22NL-□□□-T□ Transparent		When not lit		Red	Green	Yellow	White	Blue	Orange	White
													
					When lit		Red	Green	Yellow	White	Blue	Orange	Opaque white*
													





















* The colors when the Switches are lit are for transparent white buttons (code: TW) and yellow LED Lamps (code: Y).

List of Models

Screw Terminal Blocks/Push-In Plus Terminal Blocks		
Plastic bezels	Brushed metal bezels	Metal bezels
A22N□-BN	A22N□-MN	A22N□-RN
Flat	Flat	Flat
		
A22N□-BP	A22N□-MP	A22N□-RP
Projected	Projected	Projected
		
A22N□-BG	A22N□-MG	
Full guard	Full guard	
		
A22N□-BM	A22N□-MM	A22N□-RM
Mushroom	Mushroom	Mushroom
		













A22NS/A22NK-P Selector Switches

Operation Unit Colors

Non-lighted Switches	A22NS-□□□-N□ Opaque		Red	Green	Yellow	White	Blue	Black	
									
Lighted Switches	A22NW-□□□-T□ Transparent	When not lit	Red	Green	Yellow	White	Blue	Orange	White
									
		When lit	Red	Green	Yellow	White	Blue	Orange	Opaque white*
									







* The colors when the Switches are lit are for transparent white Operation Units (code: TW) and yellow LED Lamps (code: Y).

List of Models

Screw Terminal Blocks/Push-In Plus Terminal Blocks					
Plastic bezels					
A22NS-□B			A22NW-□B		
Non-lighted			Lighted		
Two Positions		Three Positions	Two Positions		Three Positions
					
Screw Terminal Blocks/Push-In Plus Terminal Blocks					
Brushed Metal bezels					
A22NS-□M			A22NW-□M		
Non-lighted			Lighted		
Two Positions		Three Positions	Two Positions		Three Positions
					
Screw Terminal Blocks/Push-In Plus Terminal Blocks					
Metal bezels					
A22NS-□R			A22NW-□R		
Non-lighted			Lighted		
Two Positions		Three Positions	Two Positions		Three Positions
					

A22NK-P Key Switches

List of Models

Screw Terminal Blocks/Push-In Plus Terminal Blocks		Screw Terminal Blocks/Push-In Plus Terminal Blocks	
Plastic bezels		Brushed metal bezels	
A22NK-□B		A22NK-□M	
Two Positions	Three Positions	Two Positions	Three Positions
			
Screw Terminal Blocks/Push-In Plus Terminal Blocks			
Metal bezels			
A22NK-□R			
Two Positions	Three Positions		
			





Indicator Unit Colors

	Red	Green	Yellow	White	Blue	Orange	White
When not lit							
When lit							

* The colors when the Switches are lit are for transparent white Indicator Units (code: TW) and yellow LED Lamps (code: Y).

M22N-P Indicator Lights

List of Models

Screw Terminal Blocks/Push-In Plus Terminal Blocks	
Appearance	Model
Plastic flat 	M22N-BN
Plastic projected 	M22N-BP
Plastic semi-spherical 	M22N-BG
Plastic flat etched 	M22N-BC

Reference Documentation

Description	Media	Publication number
A22NN, A22NL, A22NN-P, A22NL-P Pushbuttons Datasheet	PDF	A33I-E-02
A22NK, A22NK-P Keyed Selector Switches Datasheet	PDF	A32I-E-02
A22NS, A22NW, A22NS-P, A22NW-P Selector Switches Datasheet	PDF	A34I-E-02
M22N, M22N-P Indicators Datasheet	PDF	A35I-E-02
A30NN, A30NL, A30NN-P, A30NL-P Pushbuttons Datasheet	PDF	A36I-E-02
A30NK, A30NK-P Keyed Selector Switches Datasheet	PDF	A37I-E-02
A30NS, A30NW, A30NS-P, A30NW-P Selector Switches Datasheet	PDF	A38I-E-02
A22N/A30N Brochure	PDF	A39I-E-02