

Fuji Electric Command Non-Illuminated 30mm Metal Pushbuttons

Non-Illuminated metal mushroom-style pushbuttons

These pushbuttons feature large 65mm diameter plastic actuator and mount in standard 30.5 mm hole. All pushbuttons include operator, support base and contact block(s).

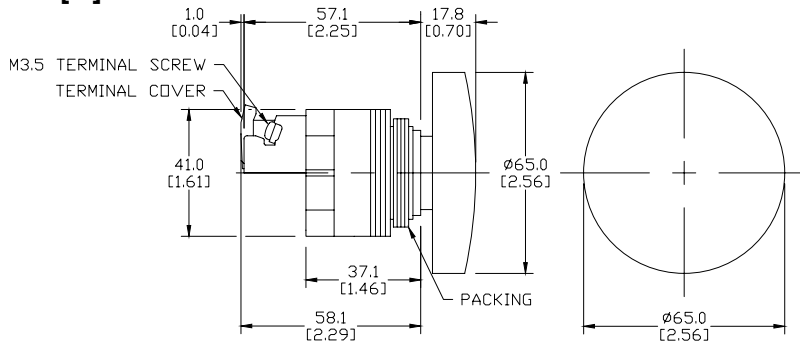
All switches in this series use replacement contact block AR9B290 (Blue, NO) or AR9B291 (Red, NC), sold separately in packages of one.



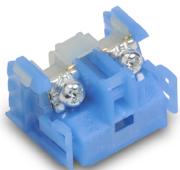
AR30B0R-10G

Command Non-Illuminated 30mm Metal Pushbuttons					
Part Number	Color	Price	Operator	Material	Contacts
AR30B0R-10G	Green	\$20.50	65mm momentary giant mushroom head	metal	NO
AR30B0R-10B	Black	\$20.50			NO
AR30B0R-10Y	Yellow	\$20.50			NO
AR30B0R-01R	Red	\$20.50			NC
AR30B0R-11G	Green	\$26.50			1 NO + 1 NC
AR30B0R-11B	Black	\$26.50			1 NO + 1 NC
AR30B0R-11Y	Yellow	\$26.50			1 NO + 1 NC
AR30B0R-11R	Red	\$26.50			1 NO + 1 NC

Dimensions mm [in]

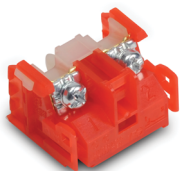


Contact Blocks



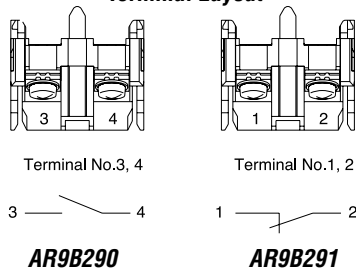
AR9B290

Contact Blocks for Command Series 30mm Pushbuttons				
Part Number	Qty	Price	Color	Contacts
AR9B290	1	\$5.00	Blue	NO
AR9B291	1	\$5.00	Red	NC

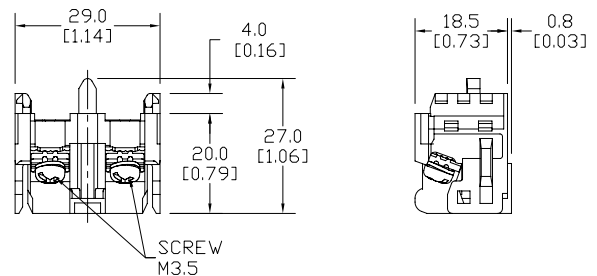


AR9B291

Terminal Layout



Dimensions mm [in]

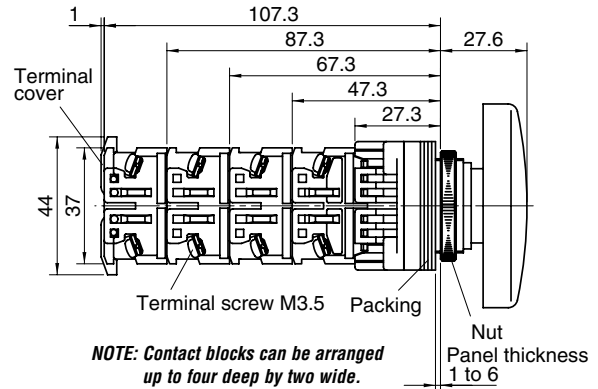
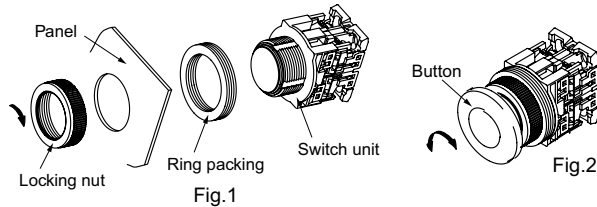


Please see our website www.AutomationDirect.com for complete engineering drawings. Dimensions are approximate. Not for construction purposes.

Fuji Electric Command Series 30mm Pilot Devices Specifications

Assembly information

These pushbuttons are supplied with the appropriate contact blocks, unless otherwise indicated. Use these drawings as a guide to make sure there is adequate clearance behind the panel. Insert the switch unit in the panel hole at the back of the panel and secure it with a locking nut at the panel front.



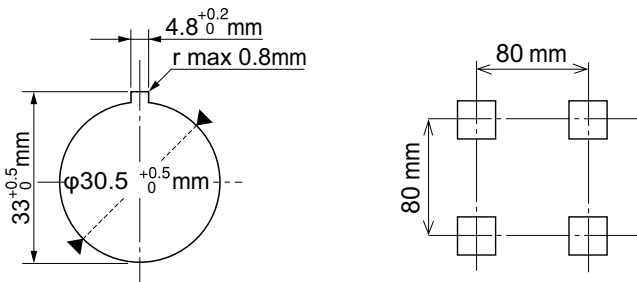
NOTE: Contact blocks can be arranged up to four deep by two wide.

Dimensions are in millimeters.

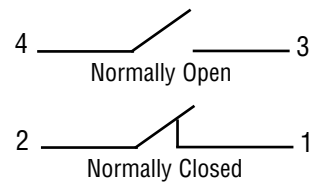
Panel holes

For safe operation, use these mounting hole drawings to ensure that there is adequate space between switches.

Note: Location hole 4.8mm x 33mm is for use with a key washer or legend plate.



Typical Wiring



Physical Specifications	
Standards Reference	UL 508, CSA C22.2, No.14, TUV - EN60947-5-1
Approvals	UL file E44592, CSA file LR20479
Enclosure Material	Polyamide
Contacts Material	Silver, nickel
Protection Degree	IEC IP65
Temperature Ratings	Storage: -40°C to 80°C (-40°F to 176°F) Operating: -20°C to 70°C (-4°F to 158°F)
Working Positions	All working positions are allowed.
Mechanical Life	5 million operations
Positive Opening Operation	All functions incorporating an N.C. contact are positive-opening operation.
Operating Force	75N max

Electrical Specifications	
Rated Thermal Current (contact block)	A600 P600
Rated Insulation Voltage	600V AC/DC
Dielectric Strength	2,500VAC, 1 minute
Insulation Resistance	100M Ω or more
Initial Contact Resistance	≤ 50 m Ω
Short-Circuit Protection*	Fuse (rated current 15A).
Terminal Markings	IEC 60445
Connections	AWG 18 to AWG 14; Stripping length: 9mm to 11mm Tightening torque: 0.8 to 1.0 N·m, 7.1 in·lb to 8.8 in·lb
Contacts Operation	Self-cleaning types. Slow action. Positive opening.
Operation Frequency	1,200 cycle/hour (Application ratio 40%)
Utilization Category	AC-15: 24VAC at 6A, 110VAC at 6A DC-13: 24VDC at 4A, 110VDC at 1.3 A

*Note: Recommended, not supplied

To obtain the most current agency approval information, see the Agency Approval Checklist section on the specific part number's web page.