

800T/H 30 mm Push Buttons



Time-tested Durability, Industry Proven –
A Legacy of Leadership



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 Allen-Bradley • Rockwell Software

**Rockwell
Automation**

Imitated, But Never Duplicated

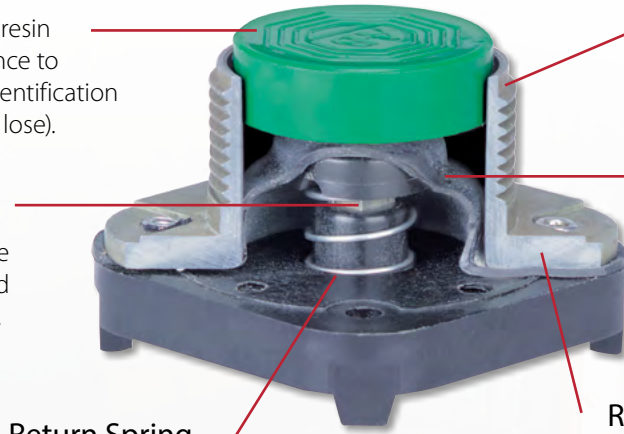
The Allen-Bradley Bulletin 800T and 800H push button product lines are in a class by themselves. They are designed and constructed to perform in the most demanding industrial environments. Bold yet functional, rugged yet attractive, Allen-Bradley's 30 mm push buttons represent the world's most innovative and unique offering.

Solid-Color Button Cap

Thermoplastic polyester resin delivers excellent resistance to corrosive agents/color identification is never lost (no insert to lose).

Actuator Shaft

Rugged, dependable performance assured by zinc alloy casting.



Return Spring

Stainless steel formed wire delivers consistent operation and long life.

Operator Bushing

Die cast zinc alloy gives strength and stability in installation.

Diaphragm Seal

Provides a complete blanket of protection from liquids, particles and corrosive agents.

Riveted Construction

Operator bushing, diaphragm seal and base plate are secured together by four steel rivets, providing durability and tamper resistance.

Fast, Easy Installation



Operator with factory installed contact blocks



Gaskets provide type 4/13 ingress protection



Legend plate



Thrust washer with anti-turn tab



Mounting ring

Worldwide Solutions

- Designed to worldwide standards



Switching Safety

Selector Switches

- Positive detent – prevents the switch from hanging up between positions
- Constant energy – minimizes accidental switching to an unwanted change in contact state

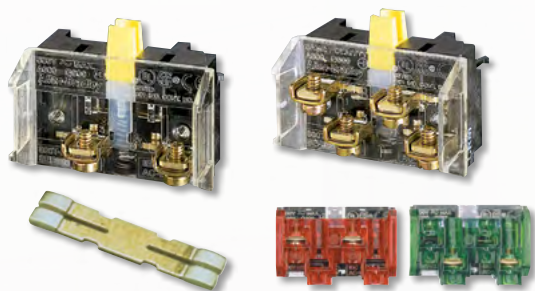


Advanced Switching Functionality

Allen-Bradley's wide range of contact blocks, offering features and capabilities found no where else in the industry, can address more applications and environments.

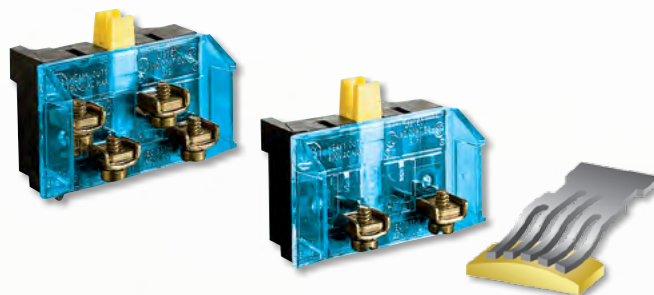
Standard Contact Blocks

- 10 A max., A600 rated – for general purpose use
- Flexible bifurcated spanner provides increased contact reliability
- Pure fine silver contacts resist corrosion
- Self-lifting saddle clamps simplify wiring
- Clear side plates allow easy inspection of contacts
- Optional color-coded finger safe (IP2X) versions



PenTUFF™ Contact Blocks

- 2.5 A max., C300 rated
- Low voltage switching reliability to 5V DC, 1 mA – ideal for interfacing with programmable logic controller input circuits
- Direct drive penta-furcated contact design
- Spanner made from corrosion resistant inert precious metals
- Optional finger-safe (IP2X) versions



Explosion-Protected Contact Blocks

- Class I Div. 2 (Groups A, B, C and D) certified
- 1-NO, 1-NC, A600 rated (10 A max)
- Positive opening NC contact, conformance to global E-stop standards
- Rugged construction ideal for applications with high shock and vibration
- Stackable design allows maximum circuit flexibility



Self-Monitoring™ Contact Blocks

- Ensures that the normally closed contacts will open when the E-stop is actuated
- 10 A max., A600 rated
- Bifurcated spanner with pure fine silver contacts
- Color-coded yellow for easy identification
- IP2X finger safe protection standard

800TC-XD4S

	Normal Operation	Actuated Button	Improperly Installed
S.M.N.O.	X	X	O
N.C.L.B.	X	O	X
	X	O	O

Note: X = Closed 0 = Open

Logic Reed Blocks



Sealed Switch Blocks



Mini Blocks



MaxDuty™ Blocks
















Snap Action & Time Delay Blocks





















Push Button Devices

Momentary Contact Push Buttons, Non-Illuminated











		Type 4/13 Metal (800T)		Type 4/4X/13 Plastic (800H)	
		Flush Head	Extended Head	Bootless Flush Head	Booted
Contact Configuration	Color				
1 N.O.		800T-A1D1	800T-B1D1	800H-AR1D1	800H-R1D1
		800T-A2D1	800T-B2D1	800H-AR2D1	800H-R1D1
		800T-A6D1	800T-B6D1	800H-AR6D1	800H-R6D1
1 N.C.		800T-A1D2	800T-B1D2	800H-AR1D2	800H-R1D2
		800T-A2D2	800T-B2D2	800H-AR2D2	800H-R2D2
		800T-A6D2	800T-B6D2	800H-AR6D2	800H-R6D2
1 N.O. – 1 N.C.		800T-A1A	800T-B1A	800H-AR1A	800H-R1A
		800T-A2A	800T-B2A	800H-AR2A	800H-R2A
		800T-A6A	800T-B6A	800H-AR6A	800H-R6A

Other colors available: blue, gray, orange and white.

Momentary Contact Push Buttons, Non-Illuminated with Two-Color Molded Legend Cap











					Type 4/13 Metal (800T)	Type 4/4X/13 Plastic (800H)
Contact Configuration	Button Color	Legend Color	Legend	Head Type		
1 N.O. – 1 N.C.			Start	Flush	800T-A103WA	800H-AR103WA
			Stop	Extended	800T-B604WA	800H-BR604WA
1 N.O. – 1 N.C.			Forward	Flush	800T-A210WA	800H-AR210WA
			Reverse	Flush	800T-A210WA	800H-AR210WA
			Jog	Flush	800T-A210WA	800H-AR212WA
			Up	Flush	800T-A210WA	800H-AR213WA
			Down	Flush	800T-A210WA	800H-AR214WA
			Reset	Flush	800T-A707WA	800H-AR707WA

Momentary Contact Push Buttons, Illuminated

		Type 4/13 Metal (800T)		Type 4/4X/13 Plastic (800H)	
		Extended Head without Guard	Extended Head with Guard	Extended Head without Guard	Extended Head with Guard
Type	Color				
Universal LED 12–130V AC/DC 1 N.O. – 1 N.C.		800T-QBH2R	800T-QAH2R	800H-QRBH2R	800H-QRAH2R
		800T-QBH2G	800T-QAH2G	800H-QRBH2G	800H-QRAH2G
		800T-QBH2A	800T-QAH2A	800H-QRBH2A	800H-QRAH2A
Transformer LED 120V AC, 50/60 HZ 1 N.O. – 1 N.C.		800T-PBH16R	800T-PAH16R	800H-PRBH16R	800H-PRAH16R
		800T-PBH16G	800T-PAH16G	800H-PRBH16G	800H-PRAH16G
		800T-PBH16A	800T-PAH16A	800H-PRBH16A	800H-PRAH16A

Other colors available: blue, clear, yellow and white.

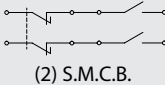
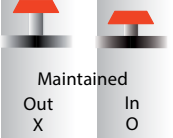




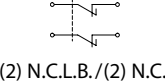
Pilot Light Devices

Type	Color	Type 4/13 Metal (800T)		Type 4/4X/13 Plastic (800H)	
		Standard Type	Push-to-Test	Standard Type	Push-to-Test
					
Universal LED 12-130V AC/DC		800T-QH2R	800T-QTH2R	800H-QRH2R	800H-QRTH2R
		800T-QH2G	800T-QTH2G	800H-QRH2G	800H-QRTH2G
		800T-QH2A	800T-QTH2A	800H-QRH2A	800H-QRTH2A
Transformer LED 120V AC, 50/60 HZ		800T-PH16R	800T-PTH16R	800H-PRH16R	800H-PRTH16R
		800T-PH16G	800T-PTH16G	800H-PRH16G	800H-PRTH16G
		800T-PH16A	800T-PTH16A	800H-PRH16A	800H-PRTH16A

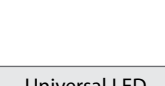




Other colors available: blue, clear, white and yellow

Emergency-Stop and Push-Pull Devices

2-Position Push-Pull and Trigger Action, Non-Illuminated








Contact Configuration	Operator Position	Type 4/13 Metal (800T)		Type 4/4X/13 Plastic (800H)	
		Push-Pull	Trigger Action Twist Release	Trigger Action Key Release	Trigger Action Twist Release
 (2) S.M.C.B.					
 (2) N.C.L.B. / (2) N.C.		800TC-FX6A5	800TC-TFXT6A4	800TC-TFXK6A4	800H-TFRXT6A4

2-Position Push-Pull and Trigger Action, Illuminated









Type	Operator Position	Type 4/13 Metal (800T)		Type 4/4X/13 Plastic (800H)
		Push-Pull	Trigger Action Twist Release	Trigger Action Twist Release
 Universal LED 12...130V AC/DC (1) N.O. (1) S.M.C.B.				
Transformer, LED 120V AC, 50/60 HZ (1) N.O. (1) N.C.L.B. / N.C.		800TC-FXPH16RA1	800TC-TFXTPH16RA1	800H-TFRXTPH16RA

Selector Switch Devices

2-Position Selector Switches, Non-Illuminated

Contact Configuration	Operator Type	Type 4/13 Metal (800T)			Type 4/4X/13 Plastic (800H)
		Standard Knob	Knob Lever	Cylinder Lock	Standard Knob
					
1 N.O. – 1 N.C.		800T-H2A	800T-H17A	800T-H33A	800H-HR2A
		800T-H4A	800T-H18A	800T-H42A	800H-HR4A
		800T-H5A	800T-H19A	800T-H48A	800H-HR5A









2-Position Selector Switches, Illuminated

Type	Operator Type	Type 4/13 Metal (800T)	Type 4/4X/13 Plastic (800H)
		Standard Knob	Standard Knob
			
Universal LED 12–130V AC/DC Red Knob 1 N.O. – 1 N.C.		800T-2HRH2KB6AX	800H-2HRRH2KB6AX
		800T-2HRH4KL8AX	800H-2HRRH4KL8AX
		800T-2HRH5KL8AX	800H-2HRRH5KL8AX
Transformer Red LED 120V AC, 50/60 HZ 1 N.O. – 1 N.C.		800T-16HRH2KB6AX	800H-16HRRH2KB6AX
		800T-16HRH4KL8AX	800H-16HRRH4KL8AX
		800T-16HRH5KL8AX	800H-16HRRH5KL8AX











For more information on our complete family of 30 mm and other push button products, please visit:
<http://ab.rockwellautomation.com/Push-Buttons-and-Signaling-Devices>








3-Position Selector Switches, Non-Illuminated

Contact Configuration	Operator Type	Type 4/13 Metal (800T)			Type 4/4X/13 Plastic (800H)
		Standard Knob	Knob Lever	Cylinder Lock	Standard Knob
					
1 N.O. – 1 N.C.		800T-J2A	800T-J17A	800T-J42A	800H-JR2A
		800T-J4A	800T-J18A	800T-J50A	800H-JR4A
		800T-J5A	800T-J19A	800T-J38A	800H-JR5A
		800T-J91A	800T-J20A	800T-J631A	800H-JR91A

3-Position Selector Switches, Illuminated

Type	Operator Type	Type 4/13 Metal (800T)	Type 4/4X/13 Plastic (800H)
		Standard Knob	Standard Knob
			
Universal LED 12-130V AC/DC Red Knob 1 N.O. – 1 N.C.		800T-2JRH2KB7AX	800H-2JRRH2KB7AX
		800T-2JRH4KB7AX	800H-2JRRH4KB7AX
		800T-2JRH5KB7AX	800H-2JRRH5KB7AX
Transformer Red LED 120V AC, 50/60 HZ 1 N.O. – 1 N.C.		800T-16JRH2KB7AX	800H-16JRRH2KB7AX
		800T-16JRH4KB7AX	800H-16JRRH4KB7AX
		800T-16JRH5KB7AX	800H-16JRRH5KB7AX

4-Position Selector Switches, Non-Illuminated

Contact Configuration	Operator Type	Type 4/13 Metal (800T)			Type 4/4X/13 Plastic (800H)
		Standard Knob	Knob Lever	Cylinder Lock	Standard Knob
					
2 N.O. – 2 N.C.		800T-N2KF4B	800T-N17KF4B	800T-N33KF4B	800H-NR2KF4B
		800T-N3KF4B	800T-N29KF4B	800T-N133KF4B	800H-NR3KF4B
		800T-N9KF4B	800T-N30KF4B	800T-N233KF4B	800H-NR9KF4B

Specialty Devices

Potentiometer Units



Cylinder Lock Push Buttons (800T only)



Momentary Contact Flip Lever Push Buttons (800H only)



Selector Push Button Units (800T only)

Momentary Wobble Stick Units (800T only)



1-2-3-4-Way Toggle Switches (800T only)



Mechanically Interlocked Maintained Push Buttons






Momentary Padlocking Mushroom Head Push Buttons (800T only)

Cluster Pilot Lights (800T only)



Assembled Stations

			Type 4/13 Metal (800T)	Type 4/4X/13 (800H)	
			Die Cast Aluminum	Stainless Steel (Booted Operator)	Glass Polyester (Booted Operator)
Contact Configuration	Button Color	Legend Marking			
One Push Button	●	Stop	800T-1TA	800H-1HA4T	800H-1HA4R
	●	Start	800T-1TB	800H-1HB4T	800H-1HB4R
	●	Emergency Stop	800T-1TYM	—	—
	●	Break Glass	800T-NX114	—	—
Two Push Buttons	●	Start	800T-2TA	800H-2HA4T	800H-2HA4R
	●	Stop			
Three-position Selector Switch	●	Hand-Off-Auto	800T-R3TA	—	—

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