

Time-Tested Durability, Industry Proven  
A Legacy of Leadership



30.5 mm  
800T/H



LISTEN.  
THINK.  
SOLVE.®

# 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 30.5 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)

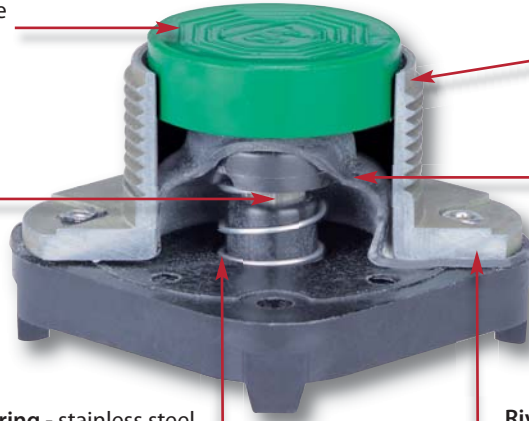
**Operator Bushing** - die cast zinc alloy gives strength and stability in installation

**Actuator Shaft** - rugged, dependable performance assured by zinc alloy casting

**Diaphragm Seal** - provides a complete blanket of protection from liquids, particles and corrosive agents

**Return Spring** - stainless steel formed wire delivers consistent operation and long life

**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



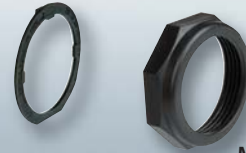
**Gaskets** - provide type 4/13 ingress protection



**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

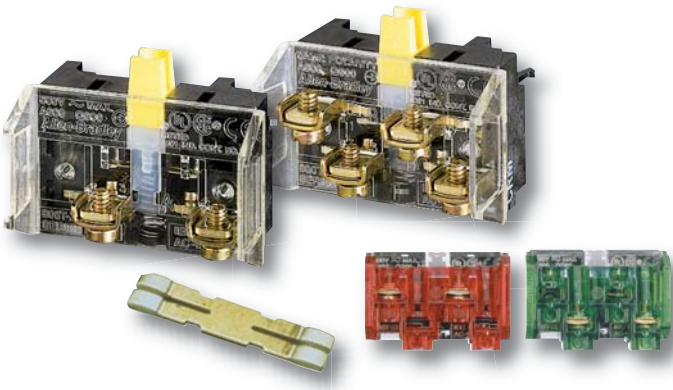


# ADVANCED SWITCHING FUNCTIONALITY

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.

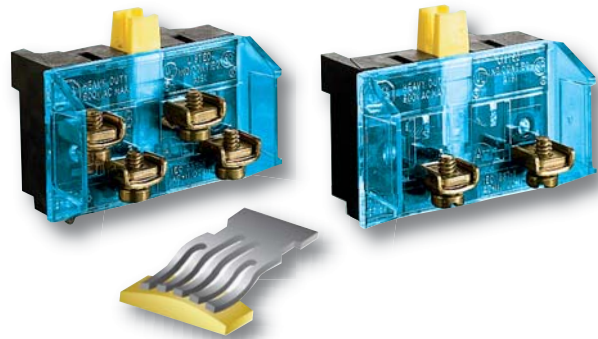
## STANDARD CONTACT BLOCKS

- 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 pentafurcated contact design
- Spanner made from corrosion resistant inert precious metals
- Optional finger-safe (IP2X) versions



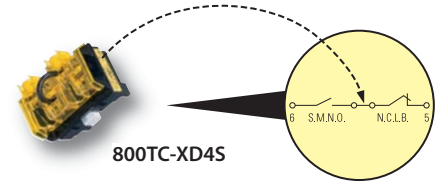
## SEALED SWITCH CONTACT BLOCKS

- Rated for Division 2 / Zone 2 hazardous locations
- 5 A max., B600 Rated
- Hermetically sealed glass enclosed contacts provide reliable switching in highly contaminated and corrosive environments
- Contacts are constructed with tungsten, which has excellent resistance to welding



## 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

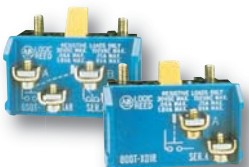


800TC-XD4S

	Normal Operation	Actuated Button	Improperly Installed
S.M.N.O.	X	X	0
N.C.L.B.	X	0	X
	X	0	0

Note: X = Closed 0 = Open

## LOGIC REED BLOCKS



## STACKABLE SEALED SWITCH BLOCKS



## MINI BLOCKS



## MAXDUTY™ BLOCKS












## SNAP ACTION & TIME DELAY BLOCKS









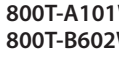
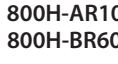




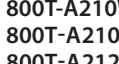
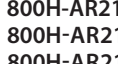












# PUSH BUTTON DEVICES







## 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-R2D1
		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

## MOMENTARY CONTACT PUSH BUTTONS, NON-ILLUMINATED WITH 2 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				
			STOP	EXTENDED			800T-A103WA	800H-AR103WA
1 N.O. - 1 N.C.			I	FLUSH				
			O	EXTENDED			800T-A101WA	800H-AR101WA
1 N.O. - 1 N.C.			FORWARD	FLUSH				
			REVERSE	FLUSH			800T-A210WA	800H-AR210WA
			JOG	FLUSH			800T-A212WA	800H-AR212WA
			UP	FLUSH			800T-A213WA	800H-AR213WA
			DOWN	FLUSH			800T-A214WA	800H-AR214WA
			R	FLUSH	800T-A711WA	800H-AR711WA		

## 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				
<ul style="list-style-type: none"> <li>UNIVERSAL LED</li> <li>12-130V AC/DC</li> <li>1 N.O. - 1 N.C.</li> </ul>		800T-QBH2R	800T-QAH2R	800H-QRBH2R	800H-QRAH2R
		800T-QBH2G	800T-QAH2G	800H-QRBH2G	800H-QRAH2G
		800T-QBH2A	800T-QAH2A	800H-QRBH2A	800H-QRAH2A
<ul style="list-style-type: none"> <li>TRANSFORMER</li> <li>LED</li> <li>120V AC, 50/60 HZ</li> <li>1 N.O. - 1 N.C.</li> </ul>		800T-PBH16R	800T-PAH16R	800H-PRBH16R	800H-PRAH16R
		800T-PBH16G	800T-PAH16G	800H-PRBH16G	800H-PRAH16G
		800T-PBH16A	800T-PAH16A	800H-PRBH16A	800H-PRAH16A

# PILOT LIGHT DEVICES

## TYPE 4/13 METAL (800T)

## TYPE 4/4X/13 PLASTIC (800H)

### STANDARD TYPE

### PUSH-TO-TEST

### STANDARD TYPE

### PUSH-TO-TEST

TYPE	COLOR	800T-QH2R	800T-QTH2R	800H-QRH2R	800H-QRTH2R
<ul style="list-style-type: none"> <li>UNIVERSAL LED</li> <li>12-130V AC/DC</li> </ul>	●	800T-QH2R	800T-QTH2R	800H-QRH2R	800H-QRTH2R
	●	800T-QH2G	800T-QTH2G	800H-QRH2G	800H-QRTH2G
	●	800T-QH2A	800T-QTH2A	800H-QRH2A	800H-QRTH2A
<ul style="list-style-type: none"> <li>TRANSFORMER</li> <li>LED</li> <li>120V AC, 50/60 HZ</li> </ul>	●	800T-PH16R	800T-PTH16R	800H-PRH16R	800H-PRTH16R
	●	800T-PH16G	800T-PTH16G	800H-PRH16G	800H-PRTH16G
	●	800T-PH16A	800T-PTH16A	800H-PRH16A	800H-PRTH16A



For a full product offering, please refer to the Industrial Controls catalog or contact your local Rockwell Automation sales office or Allen-Bradley distributor. You can also visit our website at: [www.ab.com/components](http://www.ab.com/components).

# EMERGENCY-STOP & I

## 2-POSITION PUSH-PULL AND PUSH-PULL/TWIST RELEASE, NON-ILLUMINATED

### TYPE 4/13 METAL (800T)

### TYPE 4/4X/13 PLASTIC (800H) RED PUSH- PULL/ TWIST RELEASE

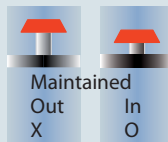
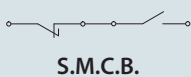
#### CONTACT CONFIGURATION

#### OPERATOR POSITION

#### RED PUSH-PULL

#### RED PUSH-PULL

#### RED PUSH-PULL/ TWIST RELEASE



800TC-FXLE6D4S



800T-FX6D4



800T-FXT6D4



800H-FRXT6D4

# SELECTOR SWITCH

## 2-POSITION SELECTOR SWITCHES, NON-ILLUMINATED

### TYPE 4/13 METAL (800T)

### TYPE 4/4X/13 PLASTIC (800H) STANDARD KNOB

#### STANDARD KNOB

#### KNOB LEVER

#### CYLINDER LOCK



800T-H2A

800T-H17A

800T-H33A

800H-HR2A

800T-H4A

800T-H18A

800T-H42A

800H-HR4A

800T-H5A

800T-H19A

800T-H48A

800H-HR5A

CONTACT CONFIGURATION OPERATOR TYPE



800T-H2A

800T-H17A

800T-H33A

800H-HR2A



800T-H4A

800T-H18A

800T-H42A

800H-HR4A



800T-H5A

800T-H19A

800T-H48A

800H-HR5A

1 N.O. - 1 N.C.

## 2-POSITION SELECTOR SWITCHES, ILLUMINATED

### TYPE 4/13 METAL (800T) STANDARD KNOB

### TYPE 4/4X/13 PLASTIC (800H) STANDARD KNOB



800T-2HRH2KB6AX

800H-2HRRH2KB6AX

800T-2HRH4KL8AX

800H-2HRRH4KL8AX

800T-2HRH5KL8AX

800H-2HRRH5KL8AX



TYPE OPERATOR TYPE

- UNIVERSAL LED
- 12-130V AC/DC
- RED KNOB
- 1 N.O. - 1 N.C.

- 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

# PUSH-PULL DEVICES

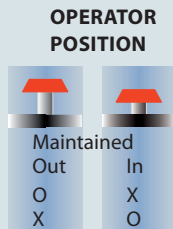
## 2-POSITION PUSH-PULL AND PUSH-PULL/TWIST RELEASE, ILLUMINATED

### TYPE 4/13 METAL (800T)

### TYPE 4/4X/13 PLASTIC (800H) RED PUSH-PULL/TWIST RELEASE

#### RED PUSH-PULL

#### RED PUSH-PULL/TWIST RELEASE



800T-FXQH2RA1

800T-FXJEQH2RA1

800T-FXTQH2RA1

800HFRXTQH2RA1

- TYPE
- UNIVERSAL LED
  - 12-130V AC/DC
  - 1 N.O. - 1 N.C.L.B.

- TRANSFORMER
- LED
- 120V AC, 50/60 HZ
- 1 N.O. - 1 N.C.L.B.






800T-FXPH16RA1

800T-FXJEPH16RA1









800T-FXTPH16RA1

800H-FRXTPH16RA1






## 3-POSITION SELECTOR SWITCHES, NON-ILLUMINATED

		TYPE 4/13 METAL (800T)			TYPE 4/4X/13 PLASTIC (800H) STANDARD KNOB
CONTACT CONFIGURATION	OPERATOR TYPE	STANDARD KNOB	KNOB LEVER	CYLINDER LOCK	
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 4/13 METAL (800T) STANDARD KNOB	TYPE 4/4X/13 PLASTIC (800H) STANDARD KNOB
TYPE	OPERATOR TYPE		
• UNIVERSAL LED		800T-2JRH2KB7AX	800H-2JRRH2KB7AX
• 12-130V AC/DC		800T-2JRH4KB7AX	800H-2JRRH4KB7AX
• RED KNOB		800T-2JRH5KB7AX	800H-2JRRH5KB7AX
• 1 N.O. - 1 N.C.			
• TRANSFORMER		800T-16JRH2KB7AX	800H-16JRRH2KB7AX
• RED LED		800T-16JRH4KB7AX	800H-16JRRH4KB7AX
• 120V AC, 50/60 HZ		800T-16JRH5KB7AX	800H-16JRRH5KB7AX
• 1 N.O. - 1 N.C.			

## 4-POSITION SELECTOR SWITCHES, NON-ILLUMINATED

		TYPE 4/13 METAL (800T)			TYPE 4/4X/13 PLASTIC (800H) STANDARD KNOB
CONTACT CONFIGURATION	OPERATOR TYPE	STANDARD KNOB	KNOB LEVER	CYLINDER LOCK	
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)



## CLUSTER PILOT LIGHTS (800T ONLY)



## MECHANICALLY INTERLOCKED MAINTAINED PUSH BUTTONS



## MOMENTARY PADLOCKING MUSHROOM HEAD PUSH BUTTONS (800T ONLY)



# ASSEMBLED STATIONS

## TYPE 4/13 (800T)

### DIE CAST ALUMINUM



## TYPE 4/4X/13 (800H)

### STAINLESS STEEL (BOoted OPERATOR)



### GLASS POLYESTER (BOoted OPERATOR)



CONFIGURATION	BUTTON COLOR	LEGEND MARKING	TYPE 4/13 (800T)	TYPE 4/4X/13 (800H)	TYPE 4/4X/13 (800H)
ONE PUSH BUTTON	●	STOP	800T-1TA	800H-1HA4T	800H-1HA4R
	●	START	800T-1TB	800H-1HB4T	800H-1HB4R
	●	EMERG. STOP	800T-1TYM	—	—
	●	BREAK GLASS	800T-NX114	—	—
TWO PUSH BUTTONS	●	START	800T-2TA	800H-2HA4T	800H-2HA4R
	●	STOP			
3-POSITION SELECTOR SWITCH	●	HAND-OFF-AUTO	800T-R3TA	—	—

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[www.rockwellautomation.com](http://www.rockwellautomation.com)

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