SUPERCHARGED DESIGN

30.5 mm
200 T

Time-Tested Durability, Industry Proven

Allen-Bradley

A Legacy of Leadership

Time-Tested Durability, Industry Proven

ADVANCED SWITCHING FUNCTIONALITY

- PENTUFF™ CONTACT BLOCKS
  - Direct drive pentafurcated contact design
  - Low voltage switching reliability to 5V DC, 1 mA – ideal for interfacing with programmable logic controller input circuits
- SELF-MONITORING™ CONTACT BLOCKS
  - Contacts are continuously monitored with respect to their operating conditions
  - Rapid tripping or drop-out indication

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CONSIDERED CONTACT BLOCKS

- 1.5 A, 300 VAC: General purpose use
- 1.5 A, 500 VDC: Panel mounted
- 1.5 A, 1250 VAC: 3-phase control
- 6 A, 400 VAC: Motor control

PART NUMBER COMPARISON

<table>
<thead>
<tr>
<th>PART NUMBERS</th>
</tr>
</thead>
<tbody>
<tr>
<td>800T-1TA &amp; 800H-1HA4T &amp; 800H-1HA4R</td>
</tr>
<tr>
<td>800T-1TB &amp; 800H-1HB4T &amp; 800H-1HB4R</td>
</tr>
<tr>
<td>800T-R3TA &amp; 800T-2TA &amp; 800H-2HA4T &amp; 800H-2HA4R</td>
</tr>
<tr>
<td>800T-NX114</td>
</tr>
<tr>
<td>EMERG. STOP</td>
</tr>
</tbody>
</table>

Note: X = Closed  0 = Open

Operation—Improperly Installed

Operation—Actuated

Operation—Normal

Operation

Legend Plate

No designer switch standards

Self-switching

Maintenance

Continuous contact block

PENTUFF™ CONTACT BLOCKS

- 800T/H

SEALED SWITCH CONTACT BLOCKS

- Contacts are constructed with tungsten, which provides reliable switching in highly contaminated and corrosive environments
- Hermetically sealed glass enclosed contacts provide reliable switching in highly contaminated and corrosive environments
- Rated for Division 2 / Zone 2 hazardous locations

LOGIC REED BLOCKS

- Color-coded yellow for easy identification
- 10 A max., A600 rated
- Optional finger-safe (IP2X) versions
- Spanner made from corrosion resistant inert precious metals
- Direct drive pentafurcated contact design

LOW-VOLTAGE CONTACT BLOCKS

- 2.5 A max., C300 rated
- Optional finger-safe (IP2X) versions
- Color-coded for easy identification

WORLDWIDE SOLUTIONS

- Designed worldwide standards
- Series switches, switch actuators, switch modules

COMMUNICATIONS

- Contact封锁s
- Switching
- Self-switching

TIME-TESTED DURABILITY

- Bulletin 800T and 800H push button product lines
- 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

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www.ab.com/components
Supersedes Publication 800T-BR012A-EN-P – January 2009

CONFIGURATION BUTTON LEGEND MARKING

ONE STOP 800T-1TA 800H-1HA4T 800H-1HA4R

SELECTOR SWITCH
3-POSITION STOP

PUSH BUTTONS
TWO
PUSH BUTTON
START 800T-1TB 800H-1HB4T 800H-1HB4R

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UNITS (800T ONLY)
PUSH BUTTON
SELECTOR

MAINTAINED PUSH BUTTONS
MECHANICALLY INTERLOCKED

POTENTIOMETER UNITS

COLOR

UNITS (800T ONLY)
WOBBLE STICK
MOMENTARY

——

——

——

DIE CAST ALUMINUM
STAINLESS STEEL
GLASS
POLYESTER

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

PUSH BUTTONS (800T ONLY)
MUSHROOM HEAD
MOMENTARY

PADLOCKING

1-2-3-4 WAY TOGGLE

——

——

——

Quick booted operator
Quick booted operator

LIGHTS (800T ONLY)
CLUSTER PILOT

PUSH BUTTONS (800H ONLY)
MOMENTARY CONTACT FLIP LEVER

——

——

——

SPECIALTY DEVICES

ASSEMBLED STATIONS

SWITCHING SAFETY

A Legacy of Leadership
Time-Tested Durability, Industry Proven

30.5 mm
2007-08

“IMITATED, BUT NEVER DUPLICATED”

The Allen-Bradley Bulletin 800T and 800H product lines deliver the highest levels of innovation and advanced switching functionality with the highest degree of safety. They are designed and constructed to perform with excellence in a wide variety of industrial applications. Each Bulletin 800T switch features the superior structural integrity and safety required for different working environments. Bulletin 800H switches are designed for use in hazardous or explosive environments, ensuring the highest levels of occupational safety.

Advanced Switching Functionality

The Bulletin 800T and 800H product lines offer advanced switching functionality, including built-in safety features like: fully interlocked contacts, self-monitoring, and self-latching saddles.

特色功能

- 90°, 150°, 180°, and 270° Contact Blocks
- Sealed and unsealed models
- Exposed contact and non-exposed contact models
- 2.5 A max., C300 rated
- 5 A max., B600 Rated
- 10 A max., A600 Rated
- 30 A max., D600 Rated
- Div 2 and Zone 2 Hazardous Location Rated

IMITATED, BUT NEVER DUPLICATED


特色功能

- 90°, 150°, 180°, and 270° Contact Blocks
- Sealed and unsealed models
- Exposed contact and non-exposed contact models
- 2.5 A max., C300 rated
- 5 A max., B600 Rated
- 10 A max., A600 Rated
- 30 A max., D600 Rated
- Div 2 and Zone 2 Hazardous Location Rated

Time-Proven Durability

The Bulletin 800T and 800H product lines are designed and constructed to provide reliable performance in highly demanding environments. Each Bulletin 800T switch features the superior structural integrity and safety required for different working environments. Bulletin 800H switches are designed for use in hazardous or explosive environments, ensuring the highest levels of occupational safety.

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- 2.5 A max., C300 rated
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- 10 A max., A600 Rated
- 30 A max., D600 Rated
- Div 2 and Zone 2 Hazardous Location Rated

ORDERING INFORMATION

- Bulletin 800T/800H series
- Fully interlocked contacts
- Self-monitoring
- Self-latching saddles
- 90°, 150°, 180°, and 270° Contact Blocks
- Sealed and unsealed models
- Exposed contact and non-exposed contact models
- 2.5 A max., C300 rated
- 5 A max., B600 Rated
- 10 A max., A600 Rated
- 30 A max., D600 Rated
- Div 2 and Zone 2 Hazardous Location Rated

SWITCH BLOCKS
STACKABLE SEALED

LOGIC REED BLOCKS

SELF-MONITORING ™ CONTACT BLOCKS

TIME-DELAY BLOCKS

ADVANCED SWITCHING FUNCTIONALITY

COMMUNICATIONS INTERFACE BLOCKS

FIRMWARE CONTACT BLOCKS

PENTUFF ™ CONTACT BLOCKS

IMITATED, BUT NEVER DUPLICATED

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- 30 A max., D600 Rated
- Div 2 and Zone 2 Hazardous Location Rated
PILOT LIGHT DEVICES

SELECTOR SWITCH DEVICES

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

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

3-POSITION SELECTOR SWITCHES, NON-ILLUMINATED

MOMENTARY CONTACT PUSH BUTTONS, NON-ILLUMINATED WITH 2 COLOR MOLDED LEGEND CAP

EXTENDED HEAD

PUSH BUTTON DEVICES

OPERATOR

TYPE

COLOR

OPERATOR PLASTIC  800H

TYPE 4/13 METAL 800T TYPE 4/4X/13

1 N.O.  1 N.C.

• LED

12-130V AC/DC

• TRANSFORMER

120V AC, 50/60 HZ

• RED LED

TRANSFORMER

• RED KNOB

配置

类型

操作类型

标准旋钮

操作杆

杠杆

锁柱

标准旋钮

配置

类型

操作类型

标准旋钮

操作杆

杠杆

锁柱

STANDARD KNOB

KNOB LEVER

CYLINDER LOCK

STANDARD KNOB

配置

类型

操作类型

标准旋钮

操作杆

杠杆

锁柱

STANDARD KNOB

配置

类型

操作类型

标准旋钮

操作杆

杠杆

锁柱

STANDARD KNOB
PILOT LIGHT DEVICES

SELECTOR SWITCH DEVICES

EMERGENCY-STOP & PUSH-PULL DEVICES

PUSH BUTTON DEVICES

CONTACT

1 N.O.  1 N.C.

•

•

LED

TRANSFORMER

1 N.O.  1 N.C.

12-130V AC/DC

UNIVERSAL LED

1 N.O.  1 N.C.

120V AC, 50/60 HZ

TRANSFORMER

CONTACT OPERATOR RED PUSHPULL RED PUSHPULL RED PUSHPULL/ RED PUSH PULL/

You can also visit our website at: www.ab.com/components.
### PILOT LIGHT DEVICES

1. **1-Position Selector Switches, Non-Illuminated**
2. **2-Position Push-Pull and Push-Pull/Twist Release, Non-Illuminated**

#### Types

- **LED**
- **Transformer**
- **Universal LED**

#### Configurations

- **800T-A1A**
- **800T-B1A**
- **800H-AR1A**
- **800H-R1A**

#### Colors

- **800T-PBH16A**
- **800T-PAH16A**
- **800H-PRBH16A**
- **800H-PRAH16A**

- **800T-PBH16R**
- **800T-PAH16R**
- **800H-PRBH16R**
- **800H-PRAH16R**

- **800T-QBH2G**
- **800T-QAH2G**
- **800H-QRBH2G**
- **800H-QRAH2G**

- **800T-QBH2R**
- **800T-QAH2R**
- **800H-QRBH2R**
- **800H-QRAH2R**

### SELECTOR SWITCH DEVICES

#### Types

- **4/13 Metal**
- **4/4X/13 Plastic**

#### Extended Head

- **800T-B602WA**
- **800H-BRR602WA**

### EMERGENCY-STOP & PUSH-PULL DEVICES

#### Types

- **4/13 Metal**
- **4/4X/13 Plastic**

#### Standard Type Push-To-Test

- **800T-PH16A**
- **800T-PTH16A**
- **800H-PRH16A**
- **800H-PRTH16A**

- **800T-QH2R**
- **800T-QTH2R**
- **800H-QRH2R**
- **800H-QRTH2R**

- **800T-FXLE6D4**
- **800T-FXT6D4**
- **800H-FRX6D4**
- **800H-FTX6D4**

### PUSH BUTTON DEVICES

#### Types

- **4/13 Metal**
- **4/4X/13 Plastic**

#### Extended Head

- **800T-B602WA**
- **800H-BRR602WA**

You can also visit our website at: [Link]
PILOT LIGHT DEVICES

3-POSITION SELECTOR SWITCHES, NON-ILLUMINATED
2-POSITION PUSH-PULL AND PUSH-PULL/TWIST RELEASE, NON-ILLUMINATED
SELECTOR SWITCH DEVICES
2-POSITION PUSH-PULL AND PUSH-PULL/TWIST RELEASE, ILLUMINATED
2-POSITION SELECTOR SWITCHES, NON-ILLUMINATED

CONTACT TRANSFORMER
1 N.O. – 1 N.C.
12-130V AC/DC

CONFIGURATION CONTACT
1 N.O. – 1 N.C.

1 N.O. – 1 N.C.

MOMENTARY CONTACT PUSH BUTTONS, NON-ILLUMINATED WITH 2 COLOR MOLDED LEGEND CAP

MOMENTARY CONTACT PUSH BUTTONS, NON-ILLUMINATED

COLOR COLOR
BUTTON LEGEND LEGEND
HEAD TYPE

TYPE 4/13 METAL 800T TYPE 4/4X/13 PLASTIC 800H

WITH GUARD WITH GUARD

S.M.C.B.
XO

TYPE OPERATOR TYPE

CONTACT
120V AC, 50/60 HZ

LED
TRANSFORMER

TYPE OPERATOR TYPE

CONTACT
120V AC, 50/60 HZ

UNIVERSAL LED

TYPE OPERATOR TYPE

CONTACT
120V AC, 50/60 HZ
Time-Tested Durability, Industry Proven

30.5 mm
2007 TM

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Supersedes Publication 800T-BR012A-EN-P – January 2009

ONE STOP 800T-1TA 800H-1HA4T 800H-1HA4R
SELECTOR SWITCH
3POSITION
PUSH BUTTONS
STOP
TWO PUSH BUTTON
START
800T-1TB 800H-1HB4T 800H-1HB4R

Allen-Bradley’s 30.5 mm push buttons represent the world’s most innovative and unique offering. Bold yet functional, rugged yet attractive, Allen-Bradley’s 30.5 mm push buttons are an industry standard and are designed and constructed to perform in the most demanding industrial environments. Bold face and rugged tactile design allows for easy readout and selection from a distance.

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 face and rugged tactile design allows for easy readout and selection from a distance.

Allen-Bradley’s 30.5 mm push buttons are available in a variety of materials, including die cast aluminum, stainless steel, glass, and polyester.

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