856T 70mm Control Tower™
Signaling System
Flexible and Easy to Configure

The Next Generation of Flexibility, Modularity and Effectiveness

Bulletin 856T Features and Benefits

• Able to monitor more critical conditions of the machine in a single signaling device—seven circuits available

• Performance in tough environmental conditions
  — IP66/67 ingress rating
  — Extended operating temperature range
    (-30 to +70°C)

• Easier selection thanks to a reduced number of components

• Minimized installation and set-up time
  — Easy wire termination (Push-in terminal blocks or M12 quick disconnect bases)
  — Internal DIP switches to select module output or function

• Multiple audible choices to complement the visual indication

• Available for purchase as separate components or as pre-configured, factory-assembled stack lights for optimal flexibility

The new 856T Control Tower signaling system features a proven, modular construction design incorporating bright LED illumination and a broad offering of sound technologies all in a 70mm diameter housing. This new design allows the 856T to meet the widest range of signaling applications with a reduced number of components without compromising functionality and flexibility.
**Top mounted Beacons**

**Top mounted Beacons**

**Steady/Flashing**
DIP switch selectable

**Strobe Beacon**
Single or double pulse strobe
DIP switch selectable

**Rotating Beacon**
Two speeds, selectable, 90 and 180 rpm

**RGB LED Multi-color Beacon**
Steady Operating Mode
Requires three circuits for full seven color operation

**Sounders**

**Transducer**
80 different tones
Three inputs to externally select up to 7 different tones

**Piezoelectric**
Single circuit
Up to eight tones
DIP switch selectable

**Light Modules**

**Steady Light Module**
White LEDs in colored plastic lens Red LED for red light module

**Multi-function Light Module**
Steady / Flashing / Strobe / Double Strobe
- Flashing 2Hz
- Strobe (1 pulse) 1.4 Hz
- Strobe (2 pulse) 1.4 Hz
Function selected at module via DIP switch

**Rotating Light Module**
Two speeds selectable via DIP switch
(90 and 180 rpm)

**RGB LED Multi-color Light Module**
Display up to seven colors in one device
Steady light operation mode
Requires three circuits for full seven color operation
Power Modules

All lights and sounders operate on 24V AC/DC
Power modules available for 24V AC/DC or 120/240V AC

Base Mounting Adaptors

These adaptors accept the power module and enable the assembly to be mounted to a variety of surfaces.

Pre-assembled Bases

Base mechanical adaptor and 24V AC/DC power module Power module can not be detached in the field

Pre-configured Bases

Complete pre-configured bases with power module also available as single catalog number
Modular design makes it easy as “1-2-3” to configure and assemble a stack to meet your application

All sound and light modules in the Bulletin 856T line are operate at 24V AC/DC and share the same mounting system and can be stacked in the desired order. Assemblies can be powered with 24V AC/DC or 120/240V AC.

1. Select a base mounting adaptor and power module

2. Select from a wide variety of light modules or in-line sounders. You can create a system with up to seven circuits

3. Select a cap, top sounder or beacon

Environmental Ratings

<table>
<thead>
<tr>
<th>Ingress Ratings</th>
<th>Suitable for indoor and outdoor use</th>
</tr>
</thead>
<tbody>
<tr>
<td>UL Type 4/4X/13</td>
<td>IP66/67</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Temperature Ratings</th>
<th>Relative Humidity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Operating: -30° to +70° C (-22° to +158° F)</td>
<td>-30° to +85° C (-22° to +185° F)</td>
</tr>
<tr>
<td>Storage:</td>
<td>90% noncondensing</td>
</tr>
</tbody>
</table>

(1) OR, OD, 24V, and AC3 bases are IP66.
(2) -30…+45 °C (-22…+113 °F) for OD bases.

www.rockwellautomation.com

Power, Control and Information Solutions Headquarters

Americas: Rockwell Automation, 1201 South Second Street, Milwaukee, WI 53204-2496 USA, Tel: (1) 414.382.2000, Fax: (1) 414.382.4444
Europe/Middle East/Africa: Rockwell Automation NV, Pegasus Park, Dr. Kiewitlaan 12a, 1831 Diegem, Belgium, Tel: (32) 2.663.0600, Fax: (32) 2.663.0640
Asia Pacific: Rockwell Automation, Level 14, Cooe F, Cyberport 3, 100 Cyberport Road, Hong Kong, Tel: (852) 2887.4788, Fax: (852) 2508.1846

Publication 856T-PP001A-EN-P – July 2018
Copyright © 2018 Rockwell Automation, Inc. All Rights Reserved. Printed in USA.