



Base with tube (accessory)



Bracket (accessory)



Tube mounting with Alu-tube

- Signal tower system 70 mm  $\varnothing$  with modular construction
- 360° visibility
- Wide range of optical and audible elements
- Elements can be assembled as required

#### TECHNICAL SPECIFICATIONS:

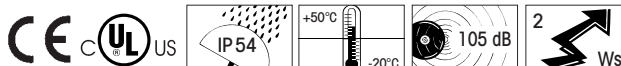
|  |   |
|--|---|
| <b>Dimensions</b> (Diameter x Height):   | Terminal element: 70 mm x 30 mm<br>Light element: 70 mm x 65 mm<br>Audible element: 70 mm x 72 mm   |
| <b>Housing:</b>  | Terminal element: PA fibreglass, high-impact<br>Cap: PC/ABS-Blend   |
| <b>Dome:</b>   | PC, transparent   |
| <b>Fixing:</b>   | Audible and ASI elements: PC/ABS-Blend<br>Base mounting<br>Tube mounting, for tube $\varnothing$ 25 mm<br>Bracket mounting  |
| <b>Socket:</b>   | Bayonet, B 15 d, for bulb max. 7 W  |
| <b>Connection:</b>   | Screwable connection max. 2.5 mm <sup>2</sup><br>Contact protection according to VDE  |
| <b>Cable entry:</b>  | Cable diameter max. 14 mm   |
| <b>Element seal:</b>   | Pre-mounted with each module  |
| <b>Protection rating:</b>  | Light elements: IP 54<br>Audible elements: IP 54<br>(Order no. 844 123 55 = IP 40)<br>max. 5 / with 2-sided bracket max. 10 elements                                |
| <b>Number of modules possible:</b>   | max. 5 / with 2-sided bracket max. 10 elements  |
| <b>Permanent light element</b>   | 12 - 240 V $\cong$<br>Bulb not included in assembly   |
| <b>Blinking light element</b><br>Bulb not included in assembly<br>Starting current:  | 24 V $\cong$ 115 V $\cong$ 230 V $\cong$<br>< 0.5 A   |
| <b>Flashing light element</b><br>Flash frequency:<br>Flash energy:<br>Life duration:<br>Current consumption:<br>reduced for AS-Interface:<br>Starting current: | 24 V =    115 V ~    230 V ~<br>1 Hz    1 Hz    1 Hz<br>2 Ws    2 Ws    2 Ws<br>4 x 10 <sup>6</sup> flashes<br>125 mA    20 mA    35 mA<br>80 mA<br>< 0.5 A at 24 V |
| <b>LED Permanent light element</b><br>Current consumption:<br>Starting current:  | 24 V $\cong$ 115 V ~    230 V ~<br>45 mA    25 mA    25 mA<br>< 0.5 A at 24 V   |
| <b>LED Blinking light element</b><br>Current consumption:<br>Starting current:<br>Blink frequency:   | 24 V $\cong$ 115 V ~    230 V ~<br>25 mA    25 mA    25 mA<br>< 0.5 A at 24 V<br>c. 1 Hz    c. 1 Hz    c. 1 Hz  |
| <b>NEW LED Flashing light element</b><br>Life duration:<br>Current consumption:<br>Starting current:   | 24 V =<br>50,000 hrs<br>35 mA (red/yellow)    30 mA (green/clear/blue)<br>0.5 A at 24 V   |
| <b>LED Rotating light element</b><br>Current consumption:<br>Starting current:<br>Rotation frequency:  | 24 V $\cong$<br>70 mA<br>< 0.5 A at 24 V<br>c. 120 r.p.m.   |

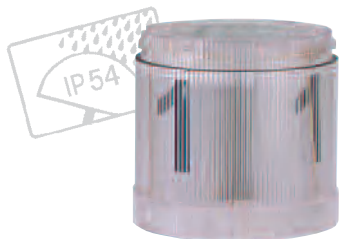
#### ACCESSORIES:

see page 45

#### TECHNICAL DIAGRAMS

see page 232



Terminal element  
with capPermanent / Blinking / Flashing  
light element

Permanent light, clear with info



LED element

Life duration  
up to 100,000 hrs

## ORDER SPECIFICATIONS TERMINAL ELEMENTS:

|  |            |
|--|------------|
| Terminal element for tube mounting<br>including cap                            | 840 080 00 |
| Terminal element for bracket or base mounting<br>including cap and rubber seal | 840 085 00 |
| Terminal element with<br>USB Interface (for tube mounting)                     | 840 580 00 |

Technical specifications and order specifications see page 50.

## ORDER SPECIFICATIONS OPTICAL ELEMENTS:

|                 |            |
|-----------------|------------|
| Permanent light | 12-240 V   |
| red             | 840 100 00 |
| green           | 840 200 00 |
| yellow          | 840 300 00 |
| clear           | 840 400 00 |
| blue            | 840 500 00 |

Bulb not included in assembly. Accessories see page 45.

|                |            |            |            |
|----------------|------------|------------|------------|
| Blinking light | 24 V ≐     | 115 V ≐    | 230 V ≐    |
| red            | 841 100 55 | 841 100 67 | 841 100 68 |
| green          | 841 200 55 | 841 200 67 | 841 200 68 |
| yellow         | 841 300 55 | 841 300 67 | 841 300 68 |
| clear          | 841 400 55 | 841 400 67 | 841 400 68 |
| blue           | 841 500 55 | 841 500 67 | 841 500 68 |

Compare the prices  
and advantages of  
an LED Blinking light

Bulb not included in assembly. Accessories see page 45.

|                |              |            |            |            |
|----------------|--------------|------------|------------|------------|
| Flashing light | 24 V = (ASI) | 24 V =     | 115 V ~    | 230 V ~    |
| red            | 842 110 55   | 842 100 55 | 842 100 67 | 842 100 68 |
| green          | 842 210 55   | 842 200 55 | 842 200 67 | 842 200 68 |
| yellow         | 842 310 55   | 842 300 55 | 842 300 67 | 842 300 68 |
| clear          | 842 410 55   | 842 400 55 | 842 400 67 | 842 400 68 |
| blue           | 842 510 55   | 842 500 55 | 842 500 67 | 842 500 68 |

Compare the prices  
and advantages of  
an LED Flashing light

|                     |            |            |            |
|---------------------|------------|------------|------------|
| LED Permanent light | 24 V ≐     | 115 V ~    | 230 V ~    |
| red                 | 843 100 55 | 843 100 67 | 843 100 68 |
| green               | 843 200 55 | 843 200 67 | 843 200 68 |
| yellow              | 843 300 55 | 843 300 67 | 843 300 68 |
| clear               | 843 400 55 | 843 400 67 | 843 400 68 |
| blue                | 843 500 55 | 843 500 67 | 843 500 68 |

|                    |            |            |            |
|--------------------|------------|------------|------------|
| LED Blinking light | 24 V ≐     | 115 V ~    | 230 V ~    |
| red                | 843 110 55 | 843 110 67 | 843 110 68 |
| green              | 843 210 55 | 843 210 67 | 843 210 68 |
| yellow             | 843 310 55 | 843 310 67 | 843 310 68 |
| clear              | 843 410 55 | 843 410 67 | 843 410 68 |
| blue               | 843 510 55 | 843 510 67 | 843 510 68 |

**NEW** LED Flashing light

|                    |            |
|--------------------|------------|
| LED Flashing light | 24 V =     |
| red                | 843 120 55 |
| green              | 843 220 55 |
| yellow             | 843 320 55 |
| clear              | 843 420 55 |
| blue               | 843 520 55 |

Available from 1st Quarter 2007.

|                    |            |
|--------------------|------------|
| LED Rotating light | 24 V ≐     |
| red                | 843 130 55 |
| green              | 843 230 55 |
| yellow             | 843 330 55 |
| clear              | 843 430 55 |
| blue               | 843 530 55 |

Further voltages on request.





# 840

## Signal Tower KombiSIGN 70



Audible element  
844 123 55



GSM Transmitter Element

### ORDER SPECIFICATIONS AUDIBLE ELEMENTS:

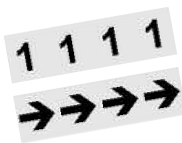
|   |                                     |                                      |                                      |
|---|-------------------------------------|--------------------------------------|--------------------------------------|
| <b>Buzzer element</b><br>85 dB, 25 mA, IP 54,<br>Continuous or pulse tone   | 24 V ≅<br><b>844 118 55</b>         | 115 V ≅<br><b>844 118 67</b>         | 230 V ~<br><b>844 118 68</b>         |
| <b>Siren element</b><br>105 dB, 100 mA, IP 40<br>Continuous tone alternating  | 24 V =<br><b>844 123 55</b>         | no UL / CSA approval                 |                                      |
| <b>Multi-functional Siren</b><br>100 dB, IP 54,<br>8 different tones, adjustable sound output   | 24 V ≅ / 80 mA<br><b>844 126 55</b> | 115 V ~ / 40 mA<br><b>844 126 67</b> | 230 V ~ / 40 mA<br><b>844 126 68</b> |
| <b>Multi-functional Siren,<br/>with external control</b><br>100 dB, 80 mA, IP 54,<br>7 different tones can be triggered externally, adjustable sound output | 24 V =<br><b>844 126 95</b>         |                                      |                                      |

### ORDER SPECIFICATIONS KOMBISIGN HIGHLIGHTS:

|   |  |  |
|---|--|--|
| <b>GSM transmitter element<br/>for KombiSIGN 70</b><br>Technical specifications see page 48.  | 24 V DC<br><b>840 700 55</b>                   | For US frequencies, 24 V DC<br><b>840 710 55</b> |
| <b>AS-Interface<br/>element for<br/>KombiSIGN 70</b><br>Technical specifications see page 47. | Standard Slave<br>24 V DC<br><b>840 830 55</b> | A/B-Slave<br>24 V DC<br><b>840 810 55</b>        |

# 840

## Accessories for Signal Tower KombiSIGN 70



### ORDER SPECIFICATIONS:

Bulb BA 15d,  
Total length max. 42 mm

|              |                   |               |                   |
|--------------|-------------------|---------------|-------------------|
| 12 V, 5 Watt | <b>955 840 34</b> | 115 V, 5 Watt | <b>955 840 57</b> |
| 24 V, 5 Watt | <b>955 840 35</b> | 230 V, 5 Watt | <b>955 840 38</b> |
| 30 V, 5 Watt | <b>955 840 32</b> |               |                   |

LED bulb BA 15d, total length max. 42 mm

|                     |  |                            |                            |
|---------------------|--|----------------------------|----------------------------|
| Voltage             | 24 V ≅   | 115 V ~                    | 230 V ~                    |
| Current consumption | < 45 mA  | < 15 mA                    | < 15 mA                    |
| red                 | <b>956 100 75</b>                                    | <b>956 100 67</b>          | <b>956 100 68</b>          |
| green               | <b>956 200 75</b>                                    | <b>956 200 67</b>          | <b>956 200 68</b>          |
| yellow              | <b>956 300 75</b>                                    | <b>956 300 67</b>          | <b>956 300 68</b>          |
| white               | <b>956 400 75</b>                                    | <b>956 400 67</b>          | <b>956 400 68</b>          |
| blue                | <b>956 500 75</b>                                    | <b>956 500 67</b>          | <b>956 500 68</b>          |
|                     | for permanent<br>light 840 and<br>blinking light 841 | for permanent<br>light 840 | for permanent<br>light 840 |

Indication board (for tube mounting) **960 000 05**  
Technical specifications and order specifications see pages 56 and 58.

Info transparencies (to place inside optical elements)  
Technical specifications and order specifications see page 59.