

KombiSIGN 71

Protection rating IP 65

For use in extreme conditions.

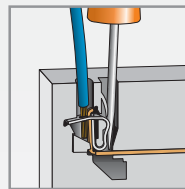
Series 640

Not compatible with KombiSIGN 70

Terminal elements



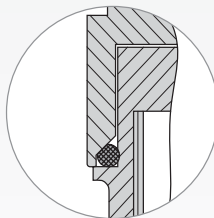
Either: improved screwable connection



see page 23

Or: terminal element with CAGE CLAMP® technology

Optically different to KombiSIGN 70 due to:



- O-Ring seal
- Phase in inside of dome



- Cylindrical terminal element



CAGE CLAMP® is a registered trademark of WAGO Kontakttechnik GmbH.

KombiSIGN 71 - combine the diversity!

Configurator



Terminal elements
for base mounting



Improved
screwable
connection
Order no.
640 820 00



Terminal element
with CAGE CLAMP®
technology
Order no.
640 800 00



Contact box for
cable exit at side
Order no.
975 840 01



Bracket für
base mounting
Order no.
960 000 02



Bracket for 1-sided
mounting
Order no.
975 840 85



Bracket for 2-sided
mounting
Order no.
975 840 86

Audible element **645**

Permanent light **641** LED permanent,
 Blinking light **642** blinking or
 Flashing light **643** rotating light **644**

(max. 5 signal elements can be combined)



Improved screwable connection

Order no. **640 830 00**



Terminal element with CAGE CLAMP® technology

Order no. **640 810 00**

Terminal elements for tube mounting



Tube with clamp

Order no. **960 000 18**



Base with integrated tube

Order no. **975 840 10**



Tube \varnothing 25 mm

100 mm long **975 845 10**
 250 mm long **975 840 25**
 400 mm long **975 840 40**

Order no. **975 845 10**
975 840 25
975 840 40

600 mm long **975 840 60**
 800 mm long **975 840 80**
 1000 mm long **975 840 03**

Order no. **975 840 60**
975 840 80
975 840 03



Base for tube

Order no. **975 840 90**



Base for tube

Order no. **975 840 91**



Contact box for cable exit at side

Order no. **975 840 01**



Contact box with magnetic base and cable exit at side

Order no. **975 840 04**



Bracket for base mounting with concealed cable entry

Order no. **960 000 14**



Bracket for tube mounting

Order no. **960 000 01**



Bracket (accessory)



Base with tube (accessory)

- High protection rating IP 65
- Signal tower system 70 mm \varnothing with modular construction
- Improved illumination
- Flexible combination of optical and audible elements

TECHNICAL SPECIFICATIONS:

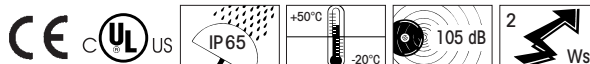
Dimensions (Diameter x Height):	Terminal element: 70 mm x 26.5 mm Light element: 70 mm x 65 mm Audible element: 70 mm x 72 mm
Housing:	Terminal element: PA fibreglass, high-impact Cap: PC
Dome:	PC, transparent
Fixing:	Audible and ASI elements: PC Base mounting Tube mounting, for tube \varnothing 25 mm Bracket mounting
Socket:	Bayonet, B 15 d, for bulbs max. 7 W
Connection:	CAGE CLAMP® technology max. 2,5 mm ² or screwable connection max. 2,5 mm ² Contact protection according to VDE
Cable entry:	Cable diameter max. 14 mm
Element seal:	Pre-mounted with each module
Protection rating:	Light elements: IP 65 Audible elements: IP 65 (Order no. 645 830 55 = IP 40)
Number of modules possible:	max. 5 / max. 10 elements with 2-sided bracket
Permanent light element	12 - 240 V \cong Bulb not included in assembly.
Blinking light element	24 V \cong 115 V \cong 230 V \cong Bulb not included in assembly.
Starting current:	< 0.5 A
Flashing light element	24 V = 115 V ~ 230 V ~
Life duration:	4 x 10 ⁶ flashes
Current consumption:	125 mA 20 mA 35 mA
reduced for AS-Interface:	80 mA
Starting current:	< 0.5 A at 24 V
LED Permanent light element	24 V \cong 115 V ~ 230 V ~
Current consumption:	45 mA 25 mA 25 mA
Starting current:	< 0.5 A at 24 V
LED Blinking light element	24 V \cong 115 V ~ 230 V ~
Current consumption:	25 mA 25 mA 25 mA
Starting current:	< 0.5 A at 24 V
Blink frequency:	c. 1 Hz c. 1 Hz c. 1 Hz
LED Rotating light element	24 V \cong
Current consumption:	70 mA
Starting current:	< 0.5 A at 24 V
Rotation frequency:	c. 120 r.p.m.

ACCESSORIES:

see page 34

TECHNICAL DIAGRAMS

see page 202





Terminal element with cap



Permanent / 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 including cap	CAGE CLAMP® 640 810 00	Screw connection 640 830 00
Terminal element for bracket or base mounting including cap and seal	640 800 00	640 820 00
NEW Terminal element with USB Interface (for tube mounting)	640 840 00	

Technical specifications and order specifications see page 46.

ORDER SPECIFICATIONS OPTICAL ELEMENTS:

Permanent light	12-240 V		
red	641 100 00		
green	641 200 00		
yellow	641 300 00		
clear	641 400 00		
blue	641 500 00		

Bulb not included in assembly. Accessories see page 34.

Blinking light	24 V ≅	115 V ≅	230 V ≅
red	642 100 75	642 100 77	642 100 78
green	642 200 75	642 200 77	642 200 78
yellow	642 300 75	642 300 77	642 300 78
clear	642 400 75	642 400 77	642 400 78
blue	642 500 75	642 500 77	642 500 78

Bulb not included in assembly. Accessories see page 34.

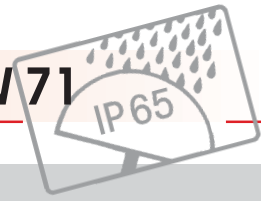
Flashing light	24 V = (ASI)	24 V =	115 V ~	230 V ~
red	643 110 55	643 100 55	643 100 67	643 100 68
green	643 210 55	643 200 55	643 200 67	643 200 68
yellow	643 310 55	643 300 55	643 300 67	643 300 68
clear	643 410 55	643 400 55	643 400 67	643 400 68
blue	643 510 55	643 500 55	643 500 67	643 500 68

LED Permanent light	24 V ≅	115 V ~	230 V ~
red	644 100 75	644 100 67	644 100 68
green	644 200 75	644 200 67	644 200 68
yellow	644 300 75	644 300 67	644 300 68
clear	644 400 75	644 400 67	644 400 68
blue	644 500 75	644 500 67	644 500 68

LED Blinking light	24 V ≅	115 V ~	230 V ~
red	644 110 75	644 110 67	644 110 68
green	644 210 75	644 210 67	644 210 68
yellow	644 310 75	644 310 67	644 310 68
clear	644 410 75	644 410 67	644 410 68
blue	644 510 75	644 510 67	644 510 68

LED Rotating light	24 V ≅		
red	644 130 75		
green	644 230 75		
yellow	644 330 75		
clear	644 430 75		
blue	644 530 75		

Further voltages on request.



Audible element



Siren element with self-adjusting sound output



GSM Transmitter Element

ORDER SPECIFICATIONS AUDIBLE ELEMENTS:

Buzzer element 85 dB, 25 mA, IP 65, Continuous or pulse tone	24 V ≅ 645 800 75	115 V ≅ 645 800 77	230 V ~ 645 800 68
Siren element 105 dB, 100 mA, IP 40 Continuous tone alternating	24 V = 645 830 55 no UL approval		
Multi-functional Siren 100 dB, IP 65, 8 different tones, adjustable sound output	24 V ≅ / 80 mA 645 820 75	115 V ~ / 40 mA 645 820 67	230 V ~ / 40 mA 645 820 68
Multi-functional Siren, with external control 100 dB, 80 mA, IP 65, 7 diff. tones can be triggered externally, adjustable sound output	24 V = 645 850 55		
Siren element with self-adjusting sound output Technical specifications see page 44.	12 V = 645 810 55		

ORDER SPECIFICATIONS KOMBI SIGN HIGHLIGHTS:

GSM transmitter element for KombiSIGN 71 Technical specifications see page 43.	24 V DC 646 700 55	NEW For US frequencies, 24 V DC 646 710 55
AS-Interface element for KombiSIGN 71 Technical specifications see page 42.	Standard Slave 24 V DC 646 830 55	A/B-Slave 24 V DC 646 810 55

Accessories for Signal Tower KombiSIGN 71



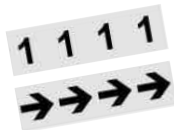
Bulb BA 15d,
Total length max. 42 mm

12 V, 5 Watt	955 840 34	115 V, 5 Watt	955 840 57
24 V, 5 Watt	955 840 35	230 V, 5 Watt	955 840 38
30 V, 5 Watt	955 840 32		



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	956 100 75	956 100 67	956 100 68
green	956 200 75	956 200 67	956 200 68
yellow	956 300 75	956 300 67	956 300 68
white	956 400 75	956 400 67	956 400 68
blue	956 500 75	956 500 67	956 500 68
	for permanent light 641 and blinking light 642	for permanent light 641	for permanent light 641



Indication board **960 000 05**
Technical specifications and order specifications see pages 52 and 54.

Info transparencies (to place inside optical elements)
Technical specifications and order specifications see page 55.

Accessories for Signal Tower KombiSIGN 71



ORDER SPECIFICATIONS:

Contact box for cable exit at side, with mounting material	975 840 01
Contact box with magnetic base and cable exit at side	975 840 04
Bracket for tube mounting with cable gland	960 000 01
Bracket for surface mounting with cable gland	960 000 02
Bracket for base mounting with concealed cable entry, incl. rubber seals	960 000 14
Bracket for 1-sided mounting, incl. rubber seals	975 840 85
Bracket for 2-sided mounting, incl. rubber seals	975 840 86
Tube with clamp, \varnothing 25 mm 250 mm long, with cable gland	960 000 18
Tube \varnothing 25 mm, all anodized aluminium	
100 mm long	975 845 10
250 mm long	975 840 25
400 mm long	975 840 40
600 mm long	975 840 60
800 mm long	975 840 80
1000 mm long	975 840 03
Base for tube mounting \varnothing 25 mm, plastic, incl. rubber seal	975 840 90
Base for tube mounting \varnothing 25 mm, metal, incl. rubber seal	975 840 91
Base with integrated tube, \varnothing 25 mm, 110 mm long, plastic, incl. rubber seal	975 840 10
Adapter for tube mounting \varnothing 25 mm / 1/2" thread	975 840 02
Cable gland for surface mounting M 16 x 1.5	960 000 04

TECHNICAL DIAGRAMS

see page 202