KombiSIGN 72 - Signal Tower

Size comparison KombiSIGN 72 / 40

Signalisation Index				
Optical		**Audible**		105 dB Siren
LED Permanent Light	4	Continuous tone		5
LED Blinking Light	5	Pulse tone		6
LED Flashing Light	6			
LED EVS	6			

Your benefits

There is no need to compromise with the KombiSIGN 72, because this product combines quick installation, excellent visibility and the highest level of flexibility. This saves time and money with regard to installation and order logistics.

- Smooth surfaces prevent dirt gathering and make cleaning easy
- Easy, intuitive installation - incorrect assembly is practically impossible (Poka Yoke)
- High-tech: the Signal Towers can easily be retrofitted with SmartMONITOR (smart MDE alternative) or AndonSPEED (call for action system)
- TwinLIGHT and TwinFLASH combine two easily selectable light effects in one element
- In ClassicLOOK or DesignLOOK to suit all machine surfaces
- Clearly visible from all positions thanks to the OmniVIEW lens with no blind spots
- Completely pre-assembled standard versions are available (common configurations as a complete tower with a single part number)

Typical applications

The new definition of the industry standard to signal faults

- on machinery and equipment
- on automated systems
- in assembly plants, for example, in the automotive industry
- on conveyor belts in production and logistics
- at manual workstations as a call for action system
- upgradeable to the wireless-based MDE alternative SmartMONITOR or to the call for action system AndonSPEED in logistics applications

Installation options

- Base mounting
- Tube mounting
- Additional installation options using accessories

Features

- Combine the KombiSIGN 72 light elements with special controller solutions such as USB or ASi, or integrate one of the versatile audible elements
- Can be combined and retrofitted with all the KombiSIGN 71 elements and accessories, as well as the SmartMONITOR and AndonSPEED wireless-based systems
- High-output 105 dB siren

TwinLIGHT

TwinFLASH

WERMA®

How to assemble your Kombi*SIGN* 72 signal tower

Classic*LOOK*

Design*LOOK*

▶ **STEP 1**
Select the required optical or audible elements in the correct voltage (for details see page 41).

Audible Signal Element
• 2 tone siren

Optical Signal Elements
• Twin*LIGHT*
• Twin*FLASH*

▶ **STEP 2**
Select the appropriate mounting option for your application.

▶ **STEP 3**
Select the correct terminal element for your mounting option
(for details see page 45).

Base Mounting	Tube Mounting	Base Mounting	Tube Mounting
Terminal element with CAGE CLAMP® technology Order no. **640 800 00**	Terminal element with CAGE CLAMP® technology Order no. **640 810 00**	Terminal element with CAGE CLAMP® technology Order no. **640 900 00**	Terminal element with CAGE CLAMP® technology Order no. **640 910 00**

▶ **STEP 4**
Where appropriate, select a base and the desired tube length (only for tube mounting) (For details see page 64).

Base with integrated tube
Order no. **975 840 10**

Tube Ø 25 mm, all anodized
                        Order no.
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, plastic
Order no. **975 840 90**

Base for Tube, metal
Order no. **975 840 91**

Base with integrated tube
Order no. **960 000 51**

Tube Ø 25 mm, all anodized
                        Order no.
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, plastic
Order no. **960 000 50**

▶ **STEP 5**
Where appropriate, select the bracket and the contact box (for details see page 64).

Bracket for 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**

Bracket for base mounting with concealed cable entry
Order no. **960 000 14**

Bracket for tube mounting
Order no. **960 000 01**

Bracket for base mounting
Order no. **960 000 53**

Bracket for 1-sided mounting
Order no. **960 000 52**

Bracket for base mounting with concealed cable entry
Order no. **960 000 55**

Bracket for tube mounting
Order no. **960 000 54**

Look at the signal device section on:
www.werma.com

With the new **signal tower configurator** you can put together your own individual signal tower.

Further accessories can be found in our main catalogue or at **www.werma.com**.

WERMA®

Kombi*SIGN* 72 - Modular Signal Tower

Or use one of our pre-assembled signal towers. With just one part number you can obtain the most popular configurations.

ℹ TECHNICAL SPECIFICATIONS/ORDER SPECIFICATIONS:

Pre-assembled signal tower	Classic*LOOK*	Design*LOOK*
Dimensions (Ø x Height):	70 mm x 211,5 mm	
Voltage:	24 V AC/DC	
Twin*LIGHT* green/yellow/red	**649 000 01**	**649 001 01**
Base/Bracket mounting Consisting of:	647 110 75 + 647 310 75 + 647 210 75 + 640 800 00	647 130 75 + 647 330 75 + 647 230 75 + 640 900 00
Twin*LIGHT* green/yellow/red	**649 000 02**	**649 001 02**
Dimensions (Ø x Height):	70 mm x 299 mm	
Tube mounting Consisting of:	647 110 75 + 647 310 75 + 647 210 75 + 640 810 00 + 975 840 10	647 130 75 + 647 330 75 + 647 230 75 + 640 910 00 + 975 000 51

Technical details are given on the relevant product page.

🏛 ACCESSORIES:

	Classic*LOOK*	Design*LOOK*
Bracket for 1-sided mounting	**975 840 85**	**960 000 52**
Bracket for base mounting	**960 000 02**	**960 000 53**
Bracket for tube mounting	**960 000 01**	**960 000 54**

📏 TECHNICAL DIAGRAMS:

649.00X.01

649.00X.02

649 00X 01   649 00X 02

CE   EAC   361 g   400 g   IP65   +60°C / -30°C

WERMA®
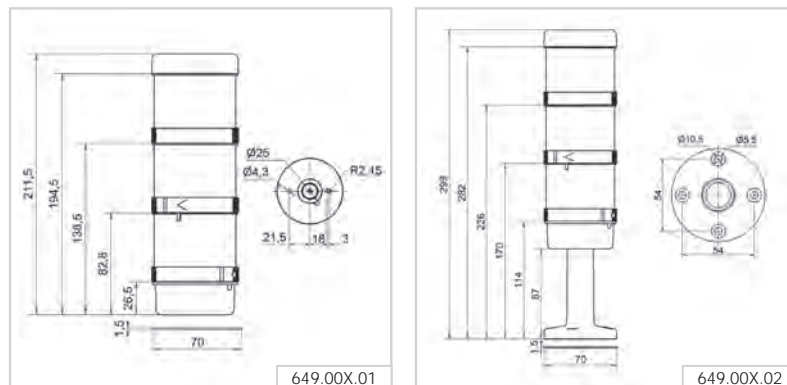
KombiSIGN 72 - Optical Signal Elements

ℹ TECHNICAL SPECIFICATIONS/ORDER SPECIFICATIONS:

	Classic*LOOK*	Design*LOOK*
Dimensions (Ø x Height):	70 mm x 65,5 mm	
Lens:	PC, transparent	
Twin*LIGHT*		
Light effects:	LED Permanent light, LED Blinking light, adjustable via slide switch	
Voltage:	24 V AC/DC	
Current consumption:	< 80 mA	
red	**647 110 75**	**647 130 75**
green	**647 210 75**	**647 230 75**
yellow	**647 310 75**	**647 330 75**
white	**647 430 75**	**647 430 75**
blue	**647 510 75**	**647 530 75**
Twin*FLASH*		
Light effect:	LED Flashing light, LED EVS light, adjustable via slide switch	
Voltage:	24 V DC	
Current consumption:	< 80 mA	
red	**647 120 55**	**647 140 55**
green	**647 220 55**	**647 240 55**
yellow	**647 320 55**	**647 340 55**
white	**647 440 55**	**647 440 55**
blue	**647 520 55**	**647 540 55**

TECHNICAL DIAGRAM:

65,5
56
Ø70
647

in preparation

c UL us   CE   EAC   77 g   IP65   +60°C / -30°C

WERMA®
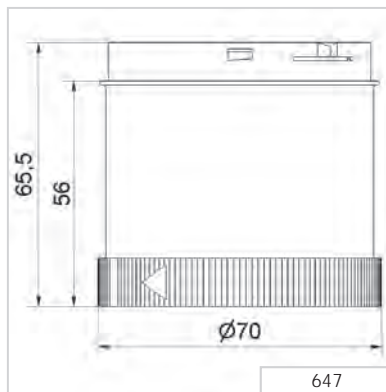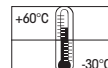
**2 tone siren
KombiSIGN 72
DesignLOOK**

ℹ TECHNICAL SPECIFICATIONS/ORDER SPECIFICATIONS:

	ClassicLOOK	DesignLOOK
Housing:	PC	
Life duration:	5.000 h	
2 Tone Siren	**645 870 75**	**645 770 75**
Dimensions (Ø x Height):	70 mm x 54 mm	
Sound output:	95-105 dB (A), adjustable by slide switch	
Tone type:	Permanent tone or alternating tone, selectable by slide switch	
Voltage:	24 V AC/DC	
Current consumption:	< 40 mA	

📏 TECHNICAL DIAGRAMS:

54

70

645.X70.75

in preparation

c UL us   CE   EAC   70 g   IP65   105 dB   +60°C / -30°C

WERMA®
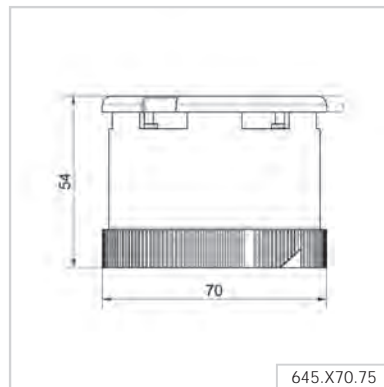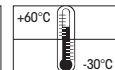
KombiSIGN 72 - Terminal Elements

ℹ TECHNICAL SPECIFICATIONS/ORDER SPECIFICATIONS:

	Classic*LOOK*	Design*LOOK*
Dimensions (Ø x Height):	70 mm x 42,5 mm	
Housing:	Terminal element: PA-GF	
	Cap: PC	
Fixing:	Base mounting,	
	Tube mounting for tube Ø 25 mm (accessory),	
	Bracket mounting (accessory)	
Cable entry:	Cable diameter max. 11 mm	
Connection:	CAGE CLAMP® technology max. 1,5 mm²	
Protection rating:	IP 65	
Number of tiers possible:	Max. 5	
Voltage:	12-230 V AC/DC	
Base mounting	640 800 00	640 900 00
Tube mounting	640 810 00	640 910 00

ACCESSORIES:

	Classic*LOOK*	Design*LOOK*
Base with integrated tube	975 840 10	960 000 51
Bracket for 1-sided mounting	975 840 85	960 000 52
Bracket for base mounting	960 000 02	960 000 53
Bracket for tube mounting	960 000 01	960 000 54
Bracket for base mounting with concealed cable entry	960 000 14	960 000 55
Base for tube Ø 25 mm, plastic	975 840 90	960 000 50

Additional accessoires can be found on page 64.

TECHNICAL DIAGRAMS:

640.820.00
640.800.00
640.900.00

640.830.00
640.810.00
640.910.00

Ø25 Ø4,3 R2,15 Ø25

21,5 18 3

Ø70 Ø70

16 16

36 26,5 36 26,5

1,5
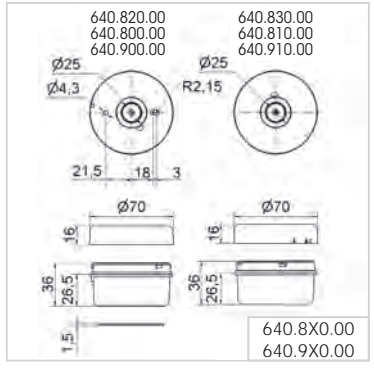
640.8X0.00
640.9X0.00

640.8X0.00

640.9X0.00
in preparation

Max.

82 g

IP65

+60°C
-30°C