Kombi*SIGN* 40 - Modular Signal Tower

Your benefits

There is no need to compromise with the Kombi*SIGN* 40, because WERMA has combined quick installation, excellent visibility and the highest level of flexibility in this product. This saves time and money with regard to installation and order logistics.

- Save up to 50% on installation time thanks to self-explanatory connections and intuitive mechanics
- Maximum flexibility despite a small number of variants
- Twin*LIGHT* and Twin*FLASH* combine two easily selectable light effects in one element
- In Classic*LOOK* or Design*LOOK* to suit all machine surfaces
- Clearly visible from all positions thanks to the Omni*VIEW* lens with no blind spots
- Pre-configured standard versions are available (common configurations as a complete tower with a single part number)

Typical applications

Fault signalling

- on machinery and equipment
- on automated systems
- in assembly plants, for example, in the automotive industry

Installation options

- Base mounting
- Tube mounting
- Single-hole mounting
- Additional Installation options using accessories

Features

- Multicolour element offers up to seven colours in a single element
- High IP66/69k protection rating prevents ingress of dust and water
- Compact and high-output 95 dB siren
- Optionally available with IO-Link technology or USB
- IP69k allows high pressure washing

Twiin*LIGHT*

Twiin*FLASH*

IO-Link

INDUSTRIE
PREIS 2018
BEST OF

Size comparison Kombi*SIGN* 40/72

How to assemble your Kombi*SIGN* 40 signal tower

Classic*LOOK*

Design*LOOK*

▸ **STEP 1**
Select the required optical or audible elements.
Order numbers can be found on page 29.

Audible Signal Element
• 8 tone siren
• 2 tone siren
• 4 tone siren
Optical Signal Elements
• Twin*LIGHT*
• Twin*FLASH*
• LED Permanent light element multicolour

▸ **STEP 2**
Select the terminal element and appropriate mounting solution for your application.

Terminal element
Order no. **630 800 75**

IO Link terminal element
Order no. **631 800 55**

USB terminal element
Order no. **631 810 53**

Terminal element
Order no. **630 700 75**

IO Link terminal element
Order no. **631 400 55**

USB terminal element
Order no. **631 410 53**

▸ **STEP 3**
Optional:
Where appropriate, select the Extension tube. Can be installed between the terminal element and the mounting adapter.

Extension tube (optional)
Order no.
960 630 03

Extension tube (optional)
Order no.
960 630 07

▸ **STEP 4**
Select mounting adapter as required.

Tube Mounting	Single Hole Mounting	Base Mounting	Tube Mounting	Single Hole Mounting	Base Mounting
Adapter for tube mounting Order no. **630 830 00**	Adapter for single hole mounting + cable gland M16 x 1,5 Order no. **630 820 00 + 960 630 04**	Adapter for base mounting Order no. **630 810 00**	Adapter for tube mounting Order no. **630 730 00**	Adapter for single hole mounting + cable gland M16 x 1,5 Order no. **630 720 00 + 960 630 04**	Adapter for base mounting Order no. **630 710 00**

▸ **STEP 5**
Where appropriate, select the bracket.

Bracket for assembly on aluminium profiles with cable gland
Order no.
960 630 02

Bracket for concealed cable entry
Order no.
960 630 01

Bracket for assembly on aluminium profiles with cable gland
Order no.
960 630 06

Bracket for concealed cable entry
Order no.
960 630 05

Further accessories can be found in our main catalogue page 74 or at **www.werma.com**.

KombiSIGN 40 - Modular Signal Tower

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

KombiSIGN 40 Signal Tower
in ClassicLOOK und DesignLOOK

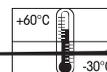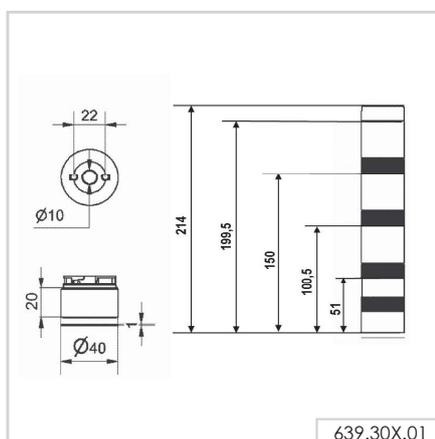## ⓘ TECHNICAL SPECIFICATIONS/ORDER SPECIFICATIONS:

Pre-configured signal tower	ClassicLOOK	DesignLOOK
Dimensions (Ø x Height):	40 mm x 214 mm	
Voltage:	24 V AC/DC	
TwinLIGHT green/yellow/red	639 300 01	639 301 01
Consisting of:		

634 110 75	634 130 75
+ 634 310 75	+ 634 330 75
+ 634 210 75	+ 634 230 75
+ 630 800 75	+ 630 700 75
+ 630 810 00	+ 630 710 00

Technical details are given on the relevant product page.

✳ ACCESSORIES

	ClassicLOOK	DesignLOOK
Bracket for concealed cable entry	960 630 01	960 630 05

↔ TECHNICAL DIAGRAMS:

22
Ø10
20
Ø40
214
199,5
150
100,5
51

639.30X.01

CE   UKCA   EAC   129 g   +60°C -30°C
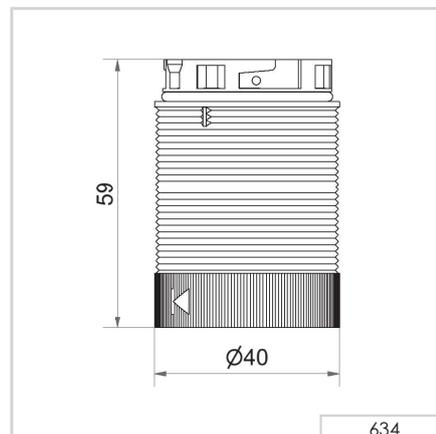
KombiSIGN 40 - Optical Signal Elements

Signal Towers

KombiSIGN 40 Signal Tower
in Classic*LOOK* and Design*LOOK*

ⓘ TECHNICAL SPECIFICATIONS/ORDER SPECIFICATIONS:

	Classic*LOOK*	Design*LOOK*
Dimensions (Ø x Height):	40 mm x 59 mm	
Lens:	PC, transparent	
Life duration:	50,000 hrs	
Twin*LIGHT*		
Light effects:	LED Permanent or Blinking light, adjustable via slide switch	
Voltage:	24 V AC/DC	
Current consumption:	< 30 mA	
red	634 110 75	634 130 75
green	634 210 75	634 230 75
yellow	634 310 75	634 330 75
white	634 430 75	634 430 75
blue	634 510 75	634 530 75
Twin*FLASH*		
Light effect:	LED Flash light or EVS, adjustable via DIP-Switch	
Voltage:	24 V DC	
Current consumption:	< 65 mA	
red	634 120 55	634 140 55
green	634 220 55	634 240 55
yellow	634 320 55	634 340 55
white	634 440 55	634 440 55
blue	634 520 55	634 540 55
Multicolour		
Light effect:	LED Permanent light	
Colours:	Red, yellow, green, blue, white, violet, turquoise controlled by binary inputs	
Voltage:	24 V DC	
Current consumption:	< 60 mA	
Order No.:	634 450 55	634 450 55

↔ TECHNICAL DIAGRAMS:

59
Ø40
634

Class 2

CE   UKCA   c UL us   EAC   29 g   +60°C -30°C

29

KombiSIGN 40 - Audible Signal Elements

4 or 8 tone KombiSIGN 40 siren in DesignLOOK

2 tone KombiSIGN 40 siren in ClassicLOOK

ⓘ TECHNICAL SPECIFICATIONS/ORDER SPECIFICATIONS:

	ClassicLOOK	DesignLOOK
Housing:	PC	
Life duration:	5,000 hrs	
2 Tone Siren		
Dimensions (Ø x Height):	40 mm x 45 mm	
Sound output:	85 dB (A)	
Tone type:	Continuous or pulse tone, can be set via slide switch	
Voltage:	24 V AC/DC	
Current consumption:	< 80 mA	
Order No.	**635 800 75**	**635 700 75**
4 Tone Siren		
Dimensions (Ø x Height):	40 mm x 68 mm	
Sound output:	67-95 dB (A)	
Tone type:	4 tones, can be set via DIP switch	
Voltage:	24 V AC/DC	
Current consumption:	< 200 mA	
Order No.	**635 820 75**	**635 720 75**
8 Tone Siren		
Dimensions (Ø x Height):	40 mm x 68 mm	
Sound output:	89-95 dB (A), can be set via DIP switch	
Tone type:	8 tones, can be set via slide switch	
Voltage:	24 V AC/DC	
Current consumption:	< 200 mA	
Order No.	**635 810 75**	**635 710 75**

↔ TECHNICAL DIAGRAMS:

635.X00.75

635.X10.75

Class 2 · 635 X00 75 · 635 X10 75 · 25 g · 38 g · 635 X00 75 85 dB · 635 X10 75 · +60°C / -30°C
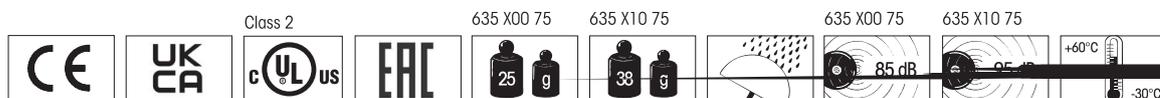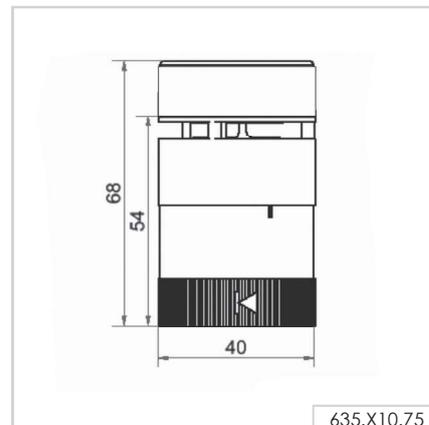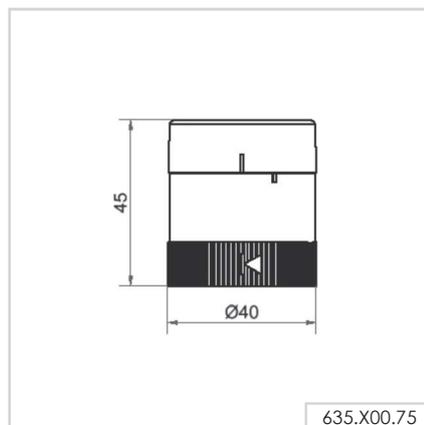
Signal Towers

KombiSIGN 40 DesignLOOK
assembly adapter for
single hole mounting

KombiSIGN 40 ClassicLOOK
assembly adapter for
base mounting
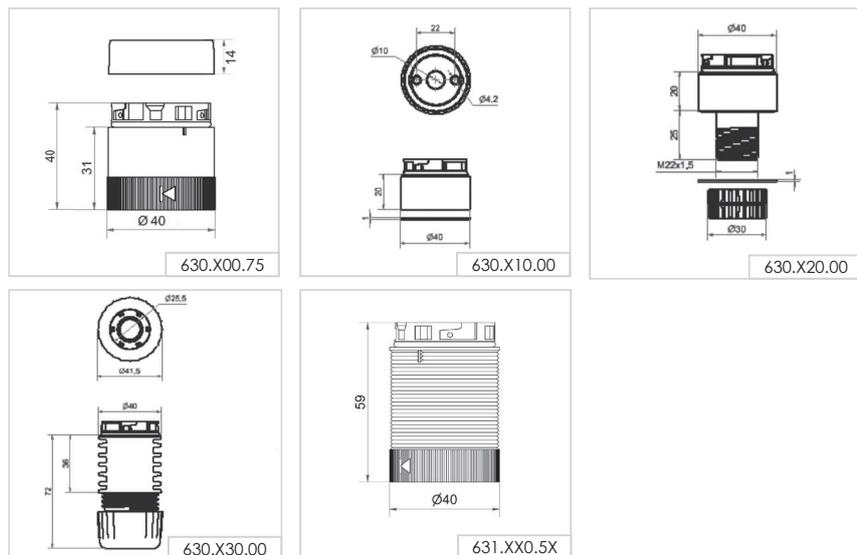
IO-Link/USB terminal
element KombiSIGN 40
ClassicLOOK

KombiSIGN 40 DesignLOOK
assembly adapter for
tube mounting

ⓘ TECHNICAL SPECIFICATIONS/ORDER SPECIFICATIONS:

	ClassicLOOK	DesignLOOK
Housing:	PC	
Number of tiers possible:	Max. 5	
Terminal element		
Dimensions (Ø x Height):	40 mm x 40 mm	
Cable entry:	Cable diameter max. 9 mm	
Connection:	Push-in terminal max. 1.5 mm^2	
Voltage:	24 V AC/DC	
Order No.	**630 800 75**	**630 700 75**
IO Link Terminal element		
Dimensions (Ø x Height):	40 mm x 59 mm	
Cable entry:	Cable diameter max. 9 mm	
Connection:	Push-in terminal max. 0.75 mm^2	
Voltage:	24 V via IO-Link	
Current consumption:	10 mA	
Order No.	**631 800 55**	**631 400 55**
USB Terminal element		
Dimensions (Ø x Height):	40 mm x 59 mm	
Voltage:	5 V DC (USB)	
Current consumption:	500 mA	
Order No.	**631 810 53**	**631 410 53**
Adapter for base mounting		
Dimensions (Ø x Height):	40 mm x 30 mm	
Order No.	**630 810 00**	**630 710 00**
Adapter single hole mounting		
Dimensions (Ø x Height):	40 mm x 54 mm	
Order No.	**630 820 00**	**630 720 00**
Adapter tube mounting		
Dimensions (Ø x Height):	40 mm x 75 mm	
Order No.	**630 830 00**	**630 730 00**

✖ ACCESSORIES: SEE PAGE 27

↔ TECHNICAL DIAGRAMS:

630.X00.75

630.X10.00

630.X20.00

630.X30.00

631.XX0.5X

Class 2   630 X00 75   630 X10 00   630 X20 00   630 X30 00

26 g   21 g   30 g   45 g

+60°C
-30°C

31

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