Completely pre-assembled Signal Towers / KOMPAKT 37 K37cl sr plug EM Pulse tone 24VAC/DC BU/



i

NumpulsityMECHANICAL DATAHeight209 mmDiameter38 mmMaterialsPCDome colourClearHousing colourSilverProtection categoryIP65ConnectionM12 plug 8-poleCable entryMembrane grommetCable entry maximumd = 9 mmTension reliefPull-out protectionType of fixingBuilt-in mountingService life optical50.000 h maximumAcoustic service life5.000 h minimumWorking temperature minimum-20°CWorking temperature maximum+50°CUL Type RatingType 12Type 4XYupe 4XWeight with packaging156 gProduct weight102 gELECTRICAL DATAOperating voltage frequencyOperating voltage frequency50HzOperating voltage frequency50HzOperating voltage frequency50HzOperating voltage frequency50HzOperating voltage tolerance+/- 10%Rated operational current160 mARated operational current500 mAProtection classP rotection class 2Pollution degree3In the connection area: 2OPTICAL DATALight sourceLEDLight sourceLEDLight colourBlue Green Red Yellow	Part No.:	699.450.75	CE RoHS (UL)us
Height209 mmDiameter38 mmMaterialsPCDome colourClearHousing colourSilverProtection categoryIP65ConnectionM12 plug 8-poleCable entryMembrane grommetCable entry maximumd = 1 mmCable entry maximumd = 9 mmTension reliefPull-out protectionType of fixingBuilt-in mountingService life optical50,000 h maximumAcoustic service life5,000 h maximumWorking temperature minimum-20°CWorking temperature maximum+50°CUL Type RatingType 12 Type 4XWeight with packaging156 gProduct weight102 gELECTRICAL DATAOperating voltage toleranceOperating voltage trauency50HzOperating voltage tolerance+/-10%Rated operational current160 mARated operational current500 mAProtection classProtection class 2Pollution degree3 In the connection area: 2OTICAL DATALEDLight sourceLEDLight sourceLEDLight colourBlue Green Red Yellow	Series:	Kompakt 37	
Diameter38 mmMaterialsPCDome colourClearHousing colourSilverProtection categoryIP65ConnectionM12 plug 8-poleCable entryMembrane grommetCable entry minimumd = 1 mmCable entry maximumd = 9 mmTension reliefPull-out protectionType of fixingBuilt-in mountingService life optical5,000 h maximumAcoustic service life5,000 h minimumWorking temperature minimum-20°CWorking temperature maximum+50°CUL Type RatingType 12 Type 4XWeight with packaging156 gProduct weight102 gELECTRICAL DATASolvaOperating voltage trequency50HzOperating voltage frequency50HzOperating voltage tolerance+/-10%Rated operational voltage24 VDCRated operational voltage24 VDCRated operational current160 mARated operational current500 mAProtection classProtection class 2Pollution degree3 In the connection area: 2OPTICAL DATAELD Light sourceLEDLight sourceLED Light colourBlue Green Red YellowGreen Red Yellow	MECHAN	ICAL DATA	
MaterialsPCDome colourClearHousing colourSilverProtection categoryIP65ConnectionM12 plug 8-poleCable entryMembrane grommetCable entry minimumd = 1 mmCable entry maximumd = 9 mmTension reliefPull-out protectionType of fixingBuilt-in mountingService life optical50,000 h maximumAcoustic service life5,000 h minimumWorking temperature minimum-20°CWorking temperature maximum+50°CUL Type RatingType 12 Type 4XWeight with packaging156 gProduct weight102 gELECTRICAL DATAVoltage trequencyOperating voltage trequency50HzOperating voltage trequency50HzOperating voltage tolerance+/- 10%Rated operational voltage24 VDCRated operational current160 mARated operational current500 mAProtection classProtection class 2Pollution degree3 In the connection area: 2OFTICAL DATAImage: Second areaUL type sourceLEDLight sourceLEDLight colourBlue Green Red Yellow	Height		209 mm
Dome colourClearHousing colourSilverProtection categoryIP65ConnectionM12 plug 8-poleCable entryMembrane grommetCable entry minimumd = 1 mmCable entry maximumd = 9 mmTension reliefPull-out protectionType of fixingBuilt-in mountingService life optical50,000 h maximumAcoustic service life5,000 h minimumWorking temperature minimum-20°CWorking temperature maximum+50°CUL Type RatingType 12 Type 4XWeight with packaging156 gProduct weight102 gELECTRICAL DATAOperating voltage toperanceOperating voltage toperance4/-10%Rated operational voltage24 VDCRated operational voltage24 VDCRated operational current160 mARated inrush current500 mAProtection classProtection class 2Pollution degree3 In the connection area: 2OPTICAL DATALEDLight sourceLEDLight sourceLEDLight colourBlue Green Red Yellow			38 mm
Housing colourSilverProtection categoryIP65ConnectionM12 plug 8-poleCable entryMembrane grommetCable entry maximumd = 1 mmCable entry maximumd = 9 mmTension reliefPull-out protectionType of fixingBuilt-in mountingService life optical50,000 h maximumAcoustic service life5,000 h minimumWorking temperature minimum-20°CWorking temperature maximum+50°CUL Type RatingType 12 Type 4XWeight with packaging156 gProduct weight102 gELECTRICAL DATAOperating voltage24VOperating voltage frequency50HzOperating voltage tolerance+/- 10%Rated operational voltage24 VDCRated operational current160 mARated inrush current500 mAProtection classProtection class 2Pollution degree3 In the connection area: 2OFTICAL DATALEDLight sourceLEDLight sourceLEDLight colourBlue Green Red Yellow	Materials		PC
Protection categoryIP65ConnectionM12 plug 8-poleCable entryMembrane grommetCable entry maximumd = 1 mmCable entry maximumd = 9 mmTension reliefPull-out protectionType of fixingBuilt-in mountingService life optical50,000 h maximumAcoustic service life5,000 h minimumWorking temperature minimum-20°CWorking temperature maximum+50°CUL Type RatingType 12 Type 4XWeight with packaging156 gProduct weight102 gELECTRICAL DATAOperating voltage24VOperating voltage frequency50HzOperating voltage tolerance+/- 10%Rated operational voltage24 VDCRated operational current160 mARated inrush current500 mAProtection classProtection class 2Pollution degree3 In the connection area: 2OPTICAL DATAItemLight sourceLEDLight sourceLEDLight colourBlue Green Red Yellow	Dome colour		Clear
ConnectionM12 plug 8-poleCable entryMembrane grommetCable entry minimumd = 1 mmCable entry maximumd = 9 mmTension reliefPull-out protectionType of fixingBuilt-in mountingService life optical50,000 h maximumAcoustic service life5,000 h minimumWorking temperature minimum-20°CWorking temperature maximum+50°CUL Type RatingType 12Type 4XType 4XWeight with packaging156 gProduct weight102 gELECTRICAL DATAOperating voltage24VOperating voltage frequency50HzOperating voltage frequency50HzOperating voltage tolerance+/- 10%Rated operational current160 mARated inrush current500 mAProtection classProtection class 2Pollution degree3In the connection area: 2OPTICAL DATALight sourceLEDLight colourBlue Green Red Yellow	Housing colour		Silver
Cable entryMembrane grommetCable entry minimumd = 1 mmCable entry maximumd = 9 mmTension reliefPull-out protectionType of fixingBuilt-in mountingService life optical50,000 h maximumAcoustic service life5,000 h minimumWorking temperature minimum-20°CWorking temperature maximum+50°CUL Type RatingType 12Type 4XType 4XWeight with packaging156 gProduct weight102 gELECTRICAL DATAOperating voltage24VOperating voltage frequency50HzOperating voltage frequency50HzOperating voltage tolerance+/- 10%Rated operational voltage24 VDCRated operational current160 mARated inrush current500 mAProtection classProtection class 2Pollution degree3 a In the connection area: 2OFTICAL DATALight sourceLEDLight colourBlue Green Red Yellow	Protection category		IP65
Cable entry minimumd = 1 mmCable entry maximumd = 9 mmTension reliefPull-out protectionType of fixingBuilt-in mountingService life optical50,000 h maximumAcoustic service life5,000 h minimumWorking temperature minimum-20°CWorking temperature maximum+50°CUL Type RatingType 12 Type 4XWeight with packaging156 gProduct weight102 gELECTRICAL DATAOperating voltage24VOperating voltage traquency50HzOperating voltage tolerance+/-10%Rated operational voltage24 VDCRated operational current160 mARated inrush current500 mAProtection classProtection class 2Pollution degree3 In the connection area: 2OPTICAL DATALEDLight sourceLEDLight colourBlue Green Red Yellow	Connection		M12 plug 8-pole
Cable entry maximumd = 9 mmTension reliefPull-out protectionType of fixingBuilt-in mountingService life optical50,000 h maximumAcoustic service life5,000 h minimumWorking temperature minimum-20°CWorking temperature maximum+50°CUL Type RatingType 12 Type 4XWeight with packaging156 gProduct weight102 gELECTRICAL DATAOperating voltage Operating voltage typeAc/DCOperating voltage frequency 50HzOperating voltage tolerance Protection class+/- 10% Protection class 2Pollution degree3 In the connection area: 2OPTICAL DATALED Light sourceLight colourBlue Green Red Yellow	Cable en	itry	Membrane grommet
Tension reliefPull-out protectionType of fixingBuilt-in mountingService life optical50,000 h maximumAcoustic service life5,000 h minimumWorking temperature minimum-20°CWorking temperature maximum+50°CUL Type RatingType 12 Type 4XWeight with packaging156 gProduct weight102 gELECTRICAL DATAOperating voltageQuerating voltage frequency50HzOperating voltage frequency50HzOperating voltage tolerance+/- 10%Rated operational voltage24 VDCRated operational current160 mARated inrush current500 mAProtection classProtection class 2Pollution degree3 In the connection area: 2OFTICAL DATALEDLight sourceLEDLight colourBlue Green Red Yellow	Cable entry minimum		d = 1 mm
Type of fixingBuilt-in mountingService life optical50,000 h maximumAcoustic service life5,000 h minimumWorking temperature minimum-20°CWorking temperature maximum+50°CUL Type RatingType 12 Type 4XWeight with packaging156 gProduct weight102 gELECTRICAL DATAOperating voltage typeAC/DCOperating voltage frequencyOperating voltage tolerance+/- 10%Rated operational voltage24 VDCRated operational current160 mARated inrush current500 mAProtection classProtection class 2Pollution degree3 In the connection area: 2OFTICAL DATALEDLight sourceLEDLight colourBlue Green Red Yellow	Cable entry maximum		d = 9 mm
Service life optical50,000 h maximumAcoustic service life5,000 h minimumWorking temperature minimum-20°CWorking temperature maximum+50°CUL Type RatingType 12 Type 4XWeight with packaging156 gProduct weight102 gELECTRICAL DATAOperating voltage24VOperating voltage frequency50HzOperating voltage tolerance+/- 10%Rated operational voltage24 VDCRated operational current160 mARated inrush current500 mAProtection classProtection class 2Pollution degree3 In the connection area: 2OTICAL DATAELDLight sourceLEDLight colourBlue Green Red Yellow	Tension relief		Pull-out protection
Acoustic service life5,000 h minimumWorking temperature minimum-20°CWorking temperature maximum+50°CUL Type RatingType 12 Type 4XWeight with packaging156 gProduct weight102 gELECTRICAL DATAOperating voltageOperating voltage typeAC/DCOperating voltage frequency50HzOperating voltage tolerance+/- 10%Rated operational voltage24 VDCRated operational current160 mARated inrush current500 mAProtection classProtection class 2Pollution degree3 In the connection area: 2OTICAL DATAEEDLight sourceLEDLight colourBlue Green Red Yellow	Type of fixing		Built-in mounting
Working temperature minimum-20°CWorking temperature maximum+50°CUL Type RatingType 12 Type 4XWeight with packaging156 gProduct weight102 gELECTRICAL DATAOperating voltage24VOperating voltage typeAC/DCOperating voltage frequency50HzOperating voltage tolerance+/- 10%Rated operational voltage24 VDCRated operational current160 mARated inrush current500 mAProtection classProtection class 2Pollution degree3 In the connection area: 2OTICAL DATALight sourceLight colourBlue Green Red Yellow	Service life optical		50,000 h maximum
Working temperature maximum+50°CUL Type RatingType 12 Type 4XWeight with packaging156 gProduct weight102 gELECTRICAL DATAOperating voltage24VOperating voltage typeAC/DCOperating voltage frequency50HzOperating voltage tolerance+/- 10%Rated operational voltage24 VDCRated operational current160 mARated inrush current500 mAProtection classProtection class 2Pollution degree3 In the connection area: 2OTICAL DATALEDLight sourceLEDLight colourBlue Green Red Yellow	Acoustic service life		5,000 h minimum
UL Type RatingType 12 Type 4XWeight with packaging156 gProduct weight102 gELECTRICAL DATAOperating voltage24VOperating voltage typeAC/DCOperating voltage frequency50HzOperating voltage tolerance+/- 10%Rated operational voltage24 VDCRated operational current160 mARated inrush current500 mAProtection classProtection class 2Pollution degree3 In the connection area: 2OPTICAL DATALight sourceLEDLight colourBlue Green Red Yellow	Working temperature minimum		-20°C
Type 4XWeight with packaging156 gProduct weight102 gELECTRICAL DATAOperating voltage24VOperating voltage typeAC/DCOperating voltage frequency50HzOperating voltage tolerance+/- 10%Rated operational voltage24 VDCRated operational voltage24 VDCRated inrush current160 mARated inrush current500 mAProtection classProtection class 2Pollution degree3 In the connection area: 2OPTICAL DATALight sourceLEDLight colourBlue Green Red Yellow	Working temperature maximum		+50°C
Product weight102 gELECTRICAL DATAOperating voltage24VOperating voltage typeAC/DCOperating voltage frequency50HzOperating voltage tolerance+/- 10%Rated operational voltage24 VDCRated operational current160 mARated inrush current500 mAProtection classProtection class 2Pollution degree3 In the connection area: 2OPTICAL DATALight sourceLEDLight colourBlue Green Red Yellow	UL Type Rating		
ELECTRICAL DATA Operating voltage 24V Operating voltage type AC/DC Operating voltage frequency 50Hz Operating voltage tolerance +/- 10% Rated operational voltage 24 VDC Rated operational current 160 mA Rated inrush current 500 mA Protection class Protection class 2 Pollution degree 3 In the connection area: 2 OPTICAL DATA LED Light source LED Light colour Blue Green Red Yellow	Weight with packaging		156 g
Operating voltage24VOperating voltage typeAC/DCOperating voltage frequency50HzOperating voltage tolerance+/- 10%Rated operational voltage24 VDCRated operational current160 mARated inrush current500 mAProtection classProtection class 2Pollution degree3 In the connection area: 2OPTICAL DATALight sourceLEDLight colourBlue Green Red Yellow	Product weight		102 g
Operating voltage typeAC/DCOperating voltage frequency50HzOperating voltage tolerance+/- 10%Rated operational voltage24 VDCRated operational current160 mARated inrush current500 mAProtection classProtection class 2Pollution degree3 In the connection area: 2OPTICAL DATALight sourceLEDLight colourBlue Green Red Yellow	ELECTRIC	AL DATA	
Operating voltage frequency50HzOperating voltage tolerance+/- 10%Rated operational voltage24 VDCRated operational current160 mARated inrush current500 mAProtection classProtection class 2Pollution degree3 In the connection area: 2OPTICAL DATALight sourceLEDLight colourBlue Green Red Yellow	Operating voltage		24V
Operating voltage tolerance+/- 10%Rated operational voltage24 VDCRated operational current160 mARated inrush current500 mAProtection classProtection class 2Pollution degree3 In the connection area: 2OPTICAL DATALight sourceLEDLight colourBlue Green Red Yellow			AC/DC
Rated operational voltage24 VDCRated operational current160 mARated inrush current500 mAProtection classProtection class 2Pollution degree3 In the connection area: 2OPTICAL DATALight sourceLEDLight colourBlue Green Red Yellow			50Hz
Rated operational current160 mARated inrush current500 mAProtection classProtection class 2Pollution degree3 In the connection area: 2OPTICAL DATALight sourceLEDLight colourBlue Green Red Yellow	Operating voltage tolerance		+/- 10%
Rated inrush current500 mAProtection classProtection class 2Pollution degree3 In the connection area: 2OPTICAL DATALight sourceLEDLight colourBlue Green Red Yellow	Rated operational voltage		24 VDC
Protection class Protection class 2 Pollution degree 3 In the connection area: 2 OPTICAL DATA LED Light source LED Light colour Blue Green Red Yellow	Rated operational current		160 mA
Pollution degree 3 In the connection area: 2 OPTICAL DATA Light source Light colour Blue Green Red Yellow	Rated inrush current		500 mA
In the connection area: 2 OPTICAL DATA Light source Light colour Blue Green Red Yellow	Protection class		Protection class 2
Light source LED Light colour Blue Green Red Yellow	Pollution degree		-
Light source LED Light colour Blue Green Red Yellow	OPTICAL	DATA	
Light colour Blue Green Red Yellow	Light source		LED
Optical signal image Permanent	Light colour		Blue Green Red
oprior signal image i entituient	Optical signal image		Permanent

For additional installation and mounting information, refer to the appropriate user guide at www.werma.com. This printed copy is for information only and is subject to alteration.

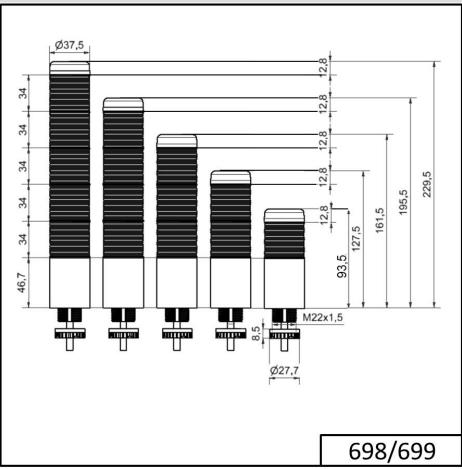
i

Completely pre-assembled Signal Towers / KOMPAKT 37

K37cl sr plug EM Pulse tone 24VAC/DC BU/

ACUSTICAL DATA			
Volume/dB(max) at 1m distance	85,0 dB (A)		
Acoustic signal image	Pulse tone		
Audio frequency	2900 Hz		

DRAWING



For additional installation and mounting information, refer to the appropriate user guide at www.werma.com. This printed copy is for information only and is subject to alteration.