Modular Signal Towers / KombiSIGN 71 Signal tower KS71 BWM 24VAC/DC GN/YE/RD



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| Part No.: | 649.240.02 |
|-----------|--------------|
| Series: | KombiSIGN 71 |

MECHANICAL DATA

| Height212 mmDiameter70 mmMaterialsPA-GFPCPCDome colourGreenRedYellowHousing colourBlackProtection categoryIP65ConnectionSpring-type terminalcross-sectional area minimum0,25mm² / 24AWGcross-sectional area maximum1,50mm² / 16AWGCable entryThrough holeCable entry maximumd = 11 mmTension reliefNot presentType of fixingBase mountingWorking temperature minimum-20°CWorking temperature maximum+50°CVorking temperature maximum+50°COperating voltage24VOperating voltage typeAC/DCOperating voltage type20°LActed operational outrage24 VDCRated operational outrage24 VDCRated operational current90 mARated operational current90 mARated operational current>200mAProtection classProtection class 2Pollution degree3OPTICAL DATALight sourceLEDLight colourGreen Red YellowOptical signal imagePermanentSonoth minimum50,000 h minimum | MECHANICAL DATA | |
|--|------------------------------|----------------------|
| MaterialsPA-GF PCDome colourGreen Red YellowHousing colourBlackProtection categoryIP65ConnectionSpring-type terminal cross-sectional area minimum0,25mm² / 24AWGCross-sectional area maximum1,50mm² / 16AWGCable entryThrough holeCable entry maximumd = 11 mmCable entry maximumd = 11 mmTension reliefNot presentType of fixingBase mounting Wall mountingWorking temperature minimum-20°CWorking temperature maximum+50°CWorking temperature maximum+50°CWorking temperature maximum+50°CWorking temperature maximum+50°CWorking temperature maximum+50°CQoperating voltage24VOperating voltage typeAC/DCOperating voltage type4VQoperating voltage tolerance+/ 10%Rated operational voltage24 VDCRated operational current90 mARated operational current90 mARated inrush current<500mA | Height | 212 mm |
| PCDome colourGreen Red YellowHousing colourBlackProtection categoryIP65ConnectionSpring-type terminalcross-sectional area minimum0.25mm² / 24AWGcross-sectional area maximum1,50mm² / 16AWGCable entryThrough holeCable entry maximumd = 11 mmTension reliefNot presentType of fixingBase mounting Wall mountingWorking temperature minimum-20°CWorking temperature maximum+50°CWeight with packaging311 gProduct weight257 gELECTRICAL DATAOperating voltage24VOperating voltage tope and voltage24 VDCRated operational current90 mARated operational current90 mARated inrush current<500mA | Diameter | 70 mm |
| Red YellowHousing colourBlackProtection categoryIP65ConnectionSpring-type terminalcross-sectional area minimum0,25mm² / 24AWGcross-sectional area maximum1,50mm² / 16AWGCable entryThrough holeCable entry maximumd = 11 mmTension reliefNot presentType of fixingBase mounting Wall mountingWorking temperature minimum-20°CWorking temperature maximum+50°CWeight with packaging311 gProduct weight257 gELECTRICAL DATAOperating voltage typeAC/DCOperating voltage tolerance+/- 10%Rated operational outrage24 VDCRated operational outrage24 VDCRated operational outrage24 VDCRated operational current90 mARated inrush current<500mA | Materials | - |
| Protection categoryIP65ConnectionSpring-type terminalcross-sectional area minimum0,25mm² / 24AWGcross-sectional area maximum1,50mm² / 16AWGCable entryThrough holeCable entry maximumd = 11 mmTension reliefNot presentType of fixingBase mounting Wall mountingWorking temperature minimum-20°CWorking temperature maximum+50°CWeight with packaging311 gProduct weight257 gELECTRICAL DATAOperating voltage24VOperating voltage frequency50HzOperating voltage frequency50HzOperating voltage frequence+/- 10%Rated operational voltage24 VDCRated operational current90 mARated inrush current<500mA | Dome colour | Red |
| ConnectionSpring-type terminalcross-sectional area minimum0,25mm² / 24AWGcross-sectional area maximum1,50mm² / 16AWGCable entryThrough holeCable entry maximumd = 11 mmTension reliefNot presentType of fixingBase mounting Wall mountingWorking temperature minimum-20°CWorking temperature maximum+50°CWeight with packaging311 gProduct weight257 gELECTRICAL DATAOperating voltage24VOperating voltage frequency50HzOperating voltage frequency50HzOperating voltage tolerance+/- 10%Rated operational current90 mARated inrush current<500mA | Housing colour | Black |
| cross-sectional area minimum0,25mm² / 24AWGcross-sectional area maximum1,50mm² / 16AWGCable entryThrough holeCable entry maximumd = 11 mmTension reliefNot presentType of fixingBase mounting Wall mountingWorking temperature minimum-20°CWorking temperature maximum+50°CWeight with packaging311 gProduct weight257 gELECTRICAL DATAOperating voltage24VOperating voltage frequency50HzOperating voltage frequency50HzOperating voltage frequency50HzOperating voltage tolerance+/- 10%Rated operational current90 mARated inrush current<500mA | Protection category | IP65 |
| cross-sectional area maximum1,50mm² / 16AWGCable entryThrough holeCable entry maximumd = 11 mmTension reliefNot presentType of fixingBase mounting Wall mountingWorking temperature minimum-20°CWorking temperature maximum+50°CWeight with packaging311 gProduct weight257 gELECTRICAL DATAOperating voltage24VOperating voltage frequency50HzOperating voltage frequency50HzOperating voltage tolerance+/- 10%Rated operational voltage24 VDCRated operational current90 mARated inrush current<500mA | Connection | Spring-type terminal |
| Cable entryThrough holeCable entry maximumd = 11 mmTension reliefNot presentType of fixingBase mounting Wall mountingWorking temperature minimum-20°CWorking temperature maximum+50°CWorking temperature maximum+50°CWorking temperature maximum257 gELECTRICAL DATAOperating voltage24VOperating voltage toperatoreAC/DCOperating voltage frequency50HzOperating voltage tolerance+/- 10%Rated operational voltage24 VDCRated operational current90 mARated inrush current<500mA | cross-sectional area minimum | 0,25mm² / 24AWG |
| Cable entry maximumd = 11 mmTension reliefNot presentType of fixingBase mounting Wall mountingWorking temperature minimum-20°CWorking temperature maximum+50°CWeight with packaging311 gProduct weight257 gELECTRICAL DATAOperating voltage24VOperating voltage topeAC/DCOperating voltage frequency50HzOperating voltage tolerance+/- 10%Rated operational voltage24 VDCRated operational current90 mARated inrush current<500mA | cross-sectional area maximum | 1,50mm² / 16AWG |
| Tension reliefNot presentType of fixingBase mounting Wall mountingWorking temperature minimum-20°CWorking temperature maximum+50°CWeight with packaging311 gProduct weight257 gELECTRICAL DATAOperating voltage24VOperating voltage typeAC/DCOperating voltage frequency50HzOperating voltage tolerance+/- 10%Rated operational voltage24 VDCRated operational current90 mARated inrush current500mAProtection classProtection class 2Pollution degree3OPTICAL DATALight sourceLEDLight colourGreen Red YellowOptical signal imagePermanent | Cable entry | Through hole |
| Type of fixingBase mounting Wall mountingWorking temperature minimum-20°CWorking temperature maximum+50°CWeight with packaging311 gProduct weight257 g ELECTRICAL DATA Operating voltage24VOperating voltage typeAC/DCOperating voltage frequency50HzOperating voltage tolerance+/- 10%Rated operational voltage24 VDCRated operational current90 mARated inrush current90 mARated inrush current500mAProtection classProtection class 2Pollution degree3OPTICAL DATALEDLight sourceLEDLight colourGreen Red YellowOptical signal imagePermanent | Cable entry maximum | d = 11 mm |
| Wall mountingWorking temperature minimum-20°CWorking temperature maximum+50°CWeight with packaging311 gProduct weight257 gELECTRICAL DATAOperating voltage24VOperating voltage typeAC/DCOperating voltage frequency50HzOperating voltage tolerance+/- 10%Rated operational voltage24 VDCRated operational current90 mARated inrush current>500mAProtection classProtection class 2Pollution degree3OPTICAL DATALight sourceLEDLight colourGreen Red YellowOptical signal imagePermanent | Tension relief | Not present |
| Working temperature maximum+50°CWeight with packaging311 gProduct weight257 gELECTRICAL DATAOperating voltage24VOperating voltage typeAC/DCOperating voltage frequency50HzOperating voltage tolerance+/- 10%Rated operational voltage24 VDCRated operational current90 mARated inrush current90 mAProtection classProtection class 2Pollution degree3OPTICAL DATALight sourceLEDLight colourGreen Red YellowOptical signal imagePermanent | Type of fixing | |
| Weight with packaging311 gProduct weight257 gELECTRICAL DATAOperating voltage24VOperating voltage typeAC/DCOperating voltage frequency50HzOperating voltage tolerance+/- 10%Rated operational voltage24 VDCRated operational current90 mARated inrush current<500mA | Working temperature minimum | -20°C |
| Product weight257 gELECTRICAL DATAOperating voltage24VOperating voltage typeAC/DCOperating voltage frequency50HzOperating voltage tolerance+/- 10%Rated operational voltage24 VDCRated operational voltage24 VDCRated operational current90 mARated inrush current<500mA | Working temperature maximum | +50°C |
| ELECTRICAL DATAOperating voltage24VOperating voltage typeAC/DCOperating voltage frequency50HzOperating voltage tolerance+/- 10%Rated operational voltage24 VDCRated operational current90 mARated inrush current90 mAProtection classProtection class 2Pollution degree3OPTICAL DATALight sourceLEDLight colourGreen Red YellowOptical signal imagePermanent | Weight with packaging | 311 g |
| Operating voltage24VOperating voltage typeAC/DCOperating voltage frequency50HzOperating voltage tolerance+/- 10%Rated operational voltage24 VDCRated operational current90 mARated inrush current<500mA | Product weight | 257 g |
| Operating voltage typeAC/DCOperating voltage frequency50HzOperating voltage tolerance+/- 10%Rated operational voltage24 VDCRated operational current90 mARated inrush current90 mAProtection classProtection class 2Pollution degree3OPTICAL DATALight sourceLEDLight colourGreen Red YellowOptical signal imagePermanent | ELECTRICAL DATA | |
| Operating voltage frequency50HzOperating voltage tolerance+/- 10%Rated operational voltage24 VDCRated operational current90 mARated inrush current<500mA | Operating voltage | 24V |
| Operating voltage tolerance+/- 10%Rated operational voltage24 VDCRated operational current90 mARated inrush current<500mA | Operating voltage type | AC/DC |
| Rated operational voltage24 VDCRated operational current90 mARated inrush current<500mA | Operating voltage frequency | 50Hz |
| Rated operational current90 mARated inrush current<500mA | Operating voltage tolerance | +/- 10% |
| Rated inrush current<500mAProtection classProtection class 2Pollution degree3OPTICAL DATALight sourceLEDLight colourGreen Red YellowOptical signal imagePermanent | Rated operational voltage | 24 VDC |
| Protection classProtection class 2Pollution degree3OPTICAL DATALight sourceLEDLight colourGreen Red YellowOptical signal imagePermanent | Rated operational current | 90 mA |
| Pollution degree 3 OPTICAL DATA Light source LED Light colour Green Red Yellow Optical signal image Permanent | Rated inrush current | <500mA |
| OPTICAL DATA Light source LED Light colour Green Red Yellow Optical signal image Permanent | Protection class | Protection class 2 |
| Light sourceLEDLight colourGreen Red YellowOptical signal imagePermanent | Pollution degree | 3 |
| Light colour Green Red Yellow Optical signal image Permanent | OPTICAL DATA | |
| Red Yellow Optical signal image Permanent | Light source | LED |
| | Light colour | Red |
| Service life optical 50,000 h minimum | | Permanent |
| | Service life optical | 50,000 h minimum |

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.

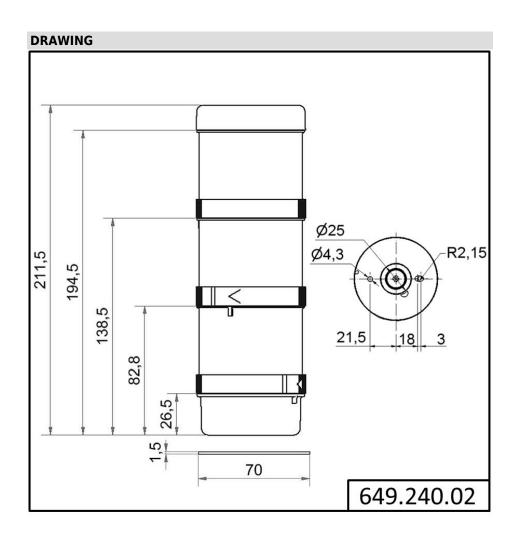
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APPROVAL DATA

| Conforms with CE | Yes (through the components) |
|------------------------------|--------------------------------|
| Conforms with RoHS directive | Fulfills substance restriction |
| WEEE | Yes |
| Conforms with ATEX-directive | No |
| Conforms with CCC | No |
| Conforms with UL | No |
| Conforms with FCC | No |
| Conforms with IC | No |
| EAC certificate available | Yes |
| Conforms with AS-I | No |
| ICAO Certification | No |
| Conforms with DNV | No |
| Conforms with RoHS CN | No |
| Conforms with VdS | No |

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