Monitorable Beacons / Monitored LED Permanent Beacon 829 Monitored LED Perm. Beacon BM 24VDC CL



Diameter98 mmMaterialsPC PC/ABSDome colourClearHousing colourBlackProtection categoryIP65ConnectionScrew terminalscross-sectional area minimum0,50mm² / 20AWGcross-sectional area maximum1,50mm² / 16AWGCable entryRubber pinchCable entry minimumd = 5 mmCable entry maximumd = 7 mmType of fixingBase mounting Tube mounting Wall mountingWorking temperature minimum0°CWorking temperature maximum+50°CWeight with packaging261 gProduct weight218 gELECTRICAL DATADCOperating voltage24 VDCRated operational current150 mARated operational current500 mAProtection classProtection class 2Pollution degree3OPTICAL DATALEDLight sourceLEDLight sourceLEDLight sourceLEDLight sourceS0,000 h maximumAPPROVAL DATAE	Part No.: 829.470.55	
Diameter98 mmMaterialsPC PC/ABSDome colourClearHousing colourBlackProtection categoryIP65ConnectionScrew terminalscross-sectional area minimum0,50mm² / 20AWGcross-sectional area maximum1,50mm² / 16AWGCable entryRubber pinchCable entry minimumd = 5 mmCable entry maximumd = 7 mmType of fixingBase mounting Tube mounting Wall mountingWorking temperature minimum0°CWorking temperature maximum+50°CWeight with packaging261 gProduct weight218 gELECTRICAL DATADOperating voltage tolerance+/- 10%Rated operational voltage24 VDCRated operational voltage24 VDCRated operational voltage3OPTICAL DATA500 mAProtection classProtection class 2Pollution degree3OPTICAL DATALEDLight sourceLEDLight sourceLEDLight sourceLEDLight sourceS0,000 h maximumAPPROVAL DATAYes	MECHANICAL DATA	
MaterialsPC PC/ABSDome colourClearHousing colourBlackProtection categoryIP65ConnectionScrew terminalscross-sectional area minimum0,50mm² / 20AWGcross-sectional area maximum1,50mm² / 16AWGCable entryRubber pinchCable entry minimumd = 5 mmCable entry maximumd = 7 mmType of fixingBase mounting Tube mounting Wall mountingWorking temperature minimum0°CWorking temperature maximum+50°CWeight with packaging261 gProduct weight218 gELECTRICAL DATADCOperating voltage tolerance+/- 10%Rated operational voltage24 VDCRated operational current150 mARated operational current500 mAProtection classProtection class 2Pollution degree3OPTICAL DATALEDLight sourceLEDLight sourceLEDLight sourceLEDLight colourWhiteOptical signal imagePermanentService life optical50,000 h maximumAPPROVAL DATAYes	Height	137 mm
PC/ABSDome colourClearHousing colourBlackProtection categoryIP65ConnectionScrew terminalscross-sectional area minimum0,50mm² / 20AWGcross-sectional area maximum1,50mm² / 16AWGCable entryRubber pinchCable entry minimumd = 5 mmCable entry maximumd = 7 mmType of fixingBase mounting Tube mounting Wall mountingWorking temperature minimum0°CWorking temperature maximum+50°CWeight with packaging261 gProduct weight218 gELECTRICAL DATADCOperating voltage tolerance+/- 10%Rated operational voltage24 VDCRated operational current150 mARated operational current500 mAProtection classProtection class 2Pollution degree3OPTICAL DATALEDLight sourceLEDLight sourceLEDLight sourceLEDLight colourWhiteOptical signal imagePermanentService life optical50,000 h maximumAPPROVAL DATAYes		98 mm
Dome colourClearHousing colourBlackProtection categoryIP65ConnectionScrew terminalscross-sectional area minimum0,50mm² / 20AWGcross-sectional area maximum1,50mm² / 16AWGCable entryRubber pinchCable entry minimumd = 5 mmCable entry maximumd = 7 mmType of fixingBase mounting Wall mountingWorking temperature minimum0°CWorking temperature maximum+50°CWeight with packaging261 gProduct weight218 gELECTRICAL DATAOperating voltage tolerance+/- 10%Rated operational current150 mARated operational current500 mAProtection classProtection class 2Pollution degree3OPTICAL DATALight sourceLEDLight sourceLEDLight sourceLEDLight sourceS0,000 h maximumAPPROVAL DATAConforms with CEYes	Materials	PC
Housing colourBlackProtection categoryIP65ConnectionScrew terminalscross-sectional area minimum0,50mm² / 20AWGcross-sectional area maximum1,50mm² / 16AWGCable entryRubber pinchCable entry minimumd = 5 mmCable entry maximumd = 7 mmType of fixingBase mounting Tube mounting Wall mountingWorking temperature minimum0°CWorking temperature maximum+50°CWeight with packaging261 gProduct weight218 gELECTRICAL DATAUOperating voltage tolerance+/- 10%Rated operational current150 mARated operational current500 mAProtection classProtection class 2Pollution degree3OPTICAL DATALEDLight sourceLEDLight sourceLEDLight sourceS0,000 h maximumAPPROVAL DATAYes		PC/ABS
Protection categoryIP65ConnectionScrew terminalscross-sectional area minimum0,50mm² / 20AWGcross-sectional area maximum1,50mm² / 16AWGCable entryRubber pinchCable entry minimumd = 5 mmCable entry maximumd = 7 mmType of fixingBase mounting Tube mounting Wall mountingWorking temperature minimum0°CWorking temperature maximum+50°CWeight with packaging261 gProduct weight218 gELECTRICAL DATAOperating voltage typeDCOperating voltage tolerance+/- 10%Rated operational current150 mARated operational current500 mAProtection classProtection class 2Pollution degree3Optical signal imagePermanentService life optical50,000 h maximumAPPROVAL DATAYes	Dome colour	Clear
ConnectionScrew terminalscross-sectional area minimum0,50mm² / 20AWGcross-sectional area maximum1,50mm² / 16AWGCable entryRubber pinchCable entry minimumd = 5 mmCable entry maximumd = 7 mmType of fixingBase mounting Wall mounting Wall mountingWorking temperature minimum0°CWorking temperature maximum+50°CWeight with packaging261 gProduct weight218 gELECTRICAL DATADCOperating voltage typeDCOperating voltage tolerance+/- 10%Rated operational voltage24 VDCRated operational current150 mARated inrush current500 mAProtection classProtection class 2Pollution degree3Optical baraLEDLight sourceLEDLight colourWhiteOptical signal imagePermanentService life optical50,000 h maximumAPPROVAL DATAYes	Housing colour	Black
cross-sectional area minimum0,50mm² / 20AWGcross-sectional area maximum1,50mm² / 16AWGCable entryRubber pinchCable entry minimumd = 5 mmCable entry maximumd = 7 mmType of fixingBase mounting Tube mounting Wall mountingWorking temperature minimum0°CWorking temperature maximum+50°CWeight with packaging261 gProduct weight218 gELECTRICAL DATADCOperating voltage tolerance+/- 10%Rated operational voltage24 VDCRated operational voltage24 VDCRated inrush current150 mARated inrush current500 mAProtection classProtection class 2Pollution degree3Optical signal imagePermanentService life optical50,000 h maximumAPPROVAL DATAYes	Protection category	IP65
cross-sectional area maximum1,50mm² / 16AWGCable entryRubber pinchCable entry minimumd = 5 mmCable entry maximumd = 7 mmType of fixingBase mounting Tube mounting Wall mountingWorking temperature minimum0°CWorking temperature maximum+50°CWeight with packaging261 gProduct weight218 gELECTRICAL DATADCOperating voltage24VOperating voltage tolerance+/- 10%Rated operational voltage24 VDCRated operational current150 mARated inrush current500 mAProtection classProtection class 2Pollution degree3Optical signal imagePermanentService life optical50,000 h maximumAPPROVAL DATAYes	Connection	Screw terminals
Cable entryRubber pinchCable entry minimumd = 5 mmCable entry maximumd = 7 mmType of fixingBase mounting Tube mounting Wall mountingWorking temperature minimum0°CWorking temperature maximum+50°CWeight with packaging261 gProduct weight218 gELECTRICAL DATAOperating voltage24VOperating voltage tolerance+/- 10%Rated operational voltage24 VDCRated operational current150 mARated inrush current500 mAProtection classProtection class 2Pollution degree3OPTICAL DATALEDLight sourceLEDLight colourWhiteOptical signal imagePermanentService life optical50,000 h maximumAPPROVAL DATAYes	cross-sectional area minimum	0,50mm² / 20AWG
Cable entry minimumd = 5 mmCable entry maximumd = 7 mmType of fixingBase mounting Tube mounting Wall mountingWorking temperature minimum0°CWorking temperature maximum+50°CWeight with packaging261 gProduct weight218 gELECTRICAL DATAOperating voltage24VOperating voltage tolerance+/- 10%Rated operational voltage24 VDCRated operational current150 mARated inrush current500 mAProtection classProtection class 2Pollution degree3OPTICAL DATALEDLight sourceLEDLight colourWhiteOptical signal imagePermanentService life optical50,000 h maximumAPPROVAL DATAYes	cross-sectional area maximum	1,50mm² / 16AWG
Cable entry maximumd = 7 mmType of fixingBase mounting Tube mounting Wall mountingWorking temperature minimum0°CWorking temperature maximum+50°CWeight with packaging261 gProduct weight218 gELECTRICAL DATAOperating voltage24VOperating voltage tolerance+/- 10%Rated operational voltage24 VDCRated operational current150 mARated inrush current500 mAProtection classProtection class 2Pollution degree3OPTICAL DATALight sourceLEDLight colourWhiteOptical signal imagePermanentService life optical50,000 h maximumAPPROVAL DATAYes	Cable entry	Rubber pinch
Type of fixingBase mounting Tube mounting Wall mountingWorking temperature minimum0°CWorking temperature maximum+50°CWeight with packaging261 gProduct weight218 g ELECTRICAL DATA Operating voltage24VOperating voltage typeDCOperating voltage tolerance+/- 10%Rated operational voltage24 VDCRated operational current150 mARated inrush current500 mAProtection classProtection class 2Pollution degree2Utight sourceLEDLight sourceLEDLight colourWhiteOptical signal imagePermanentService life optical50,000 h maximumAPPROVAL DATAYes	Cable entry minimum	d = 5 mm
Tube mounting Wall mountingWorking temperature maximum0°CWorking temperature maximum+50°CWeight with packaging261 gProduct weight218 gELECTRICAL DATAOperating voltage24VOperating voltage typeDCOperating voltage tolerance+/- 10%Rated operational voltage24 VDCRated operational current150 mARated inrush current500 mAProtection classProtection class 2Pollution degree3OPTICAL DATALight sourceLEDLight colourWhiteOptical signal imagePermanentService life optical50,000 h maximumAPPROVAL DATAConforms with CEYes	Cable entry maximum	d = 7 mm
Working temperature minimum0°CWorking temperature maximum+50°CWeight with packaging261 gProduct weight218 gELECTRICAL DATAOperating voltage24VOperating voltage typeDCOperating voltage tolerance+/- 10%Rated operational voltage24 VDCRated operational current150 mARated inrush current500 mAProtection classProtection class 2Pollution degree3OPTICAL DATALEDLight sourceLEDLight colourWhiteOptical signal imagePermanentService life optical50,000 h maximumAPPROVAL DATAConforms with CEYes	Type of fixing	Tube mounting
Weight with packaging261 gProduct weight218 gELECTRICAL DATAOperating voltage24VOperating voltage typeDCOperating voltage tolerance+/- 10%Rated operational voltage24 VDCRated operational current150 mARated inrush current500 mAProtection classProtection class 2Pollution degree3OPTICAL DATALight sourceLEDLight colourWhiteOptical signal imagePermanentService life optical50,000 h maximumAPPROVAL DATAConforms with CEYes	Working temperature minimum	-
Product weight218 gELECTRICAL DATAOperating voltage24VOperating voltage typeDCOperating voltage tolerance+/- 10%Rated operational voltage24 VDCRated operational voltage24 VDCRated operational current150 mARated inrush current500 mAProtection classProtection class 2Pollution degree3OPTICAL DATALight sourceLEDLight colourWhiteOptical signal imagePermanentService life optical50,000 h maximumAPPROVAL DATAConforms with CEYes	Working temperature maximum	+50°C
ELECTRICAL DATAOperating voltage24VOperating voltage typeDCOperating voltage tolerance+/- 10%Rated operational voltage24 VDCRated operational current150 mARated inrush current500 mAProtection classProtection class 2Pollution degree3OPTICAL DATALight sourceLEDLight colourWhiteOptical signal imagePermanentService life optical50,000 h maximumAPPROVAL DATAConforms with CEYes	Weight with packaging	261 g
Operating voltage24VOperating voltage typeDCOperating voltage tolerance+/- 10%Rated operational voltage24 VDCRated operational current150 mARated inrush current500 mAProtection classProtection class 2Pollution degree3OPTICAL DATALight sourceLEDLight colourWhiteOptical signal imagePermanentService life optical50,000 h maximumAPPROVAL DATAConforms with CEYes		-
Operating voltage typeDCOperating voltage tolerance+/- 10%Rated operational voltage24 VDCRated operational current150 mARated inrush current500 mAProtection classProtection class 2Pollution degree3OPTICAL DATALight sourceLEDLight colourWhiteOptical signal imagePermanentService life optical50,000 h maximumAPPROVAL DATAConforms with CEYes	ELECTRICAL DATA	
Operating voltage typeDCOperating voltage tolerance+/- 10%Rated operational voltage24 VDCRated operational current150 mARated inrush current500 mAProtection classProtection class 2Pollution degree3OPTICAL DATALight sourceLEDLight colourWhiteOptical signal imagePermanentService life optical50,000 h maximumAPPROVAL DATAConforms with CEYes	Operating voltage	24V
Operating voltage tolerance+/- 10%Rated operational voltage24 VDCRated operational current150 mARated inrush current500 mAProtection classProtection class 2Pollution degree3OPTICAL DATALight sourceLEDLight colourWhiteOptical signal imagePermanentService life optical50,000 h maximumAPPROVAL DATAConforms with CEYes		DC
Rated operational voltage24 VDCRated operational current150 mARated inrush current500 mAProtection classProtection class 2Pollution degree3OPTICAL DATALight sourceLEDLight colourWhiteOptical signal imagePermanentService life optical50,000 h maximumAPPROVAL DATAConforms with CEYes		+/- 10%
Rated operational current150 mARated inrush current500 mAProtection classProtection class 2Pollution degree3OPTICAL DATALight sourceLEDLight colourWhiteOptical signal imagePermanentService life optical50,000 h maximumAPPROVAL DATAConforms with CEYes		
Rated inrush current500 mAProtection classProtection class 2Pollution degree3OPTICAL DATALight sourceLEDLight colourWhiteOptical signal imagePermanentService life optical50,000 h maximumAPPROVAL DATAConforms with CEYes		150 mA
Pollution degree 3 OPTICAL DATA LED Light source LED Light colour White Optical signal image Permanent Service life optical 50,000 h maximum APPROVAL DATA Yes	-	500 mA
OPTICAL DATA Light source LED Light colour White Optical signal image Permanent Service life optical 50,000 h maximum APPROVAL DATA Conforms with CE Yes	Protection class	Protection class 2
Light sourceLEDLight colourWhiteOptical signal imagePermanentService life optical50,000 h maximumAPPROVAL DATAConforms with CEYes	Pollution degree	3
Light colour White Optical signal image Permanent Service life optical 50,000 h maximum APPROVAL DATA Conforms with CE Yes	OPTICAL DATA	
Light colour White Optical signal image Permanent Service life optical 50,000 h maximum APPROVAL DATA Conforms with CE Yes	Light source	LED
Optical signal image Permanent Service life optical 50,000 h maximum APPROVAL DATA Conforms with CE	Light colour	White
Service life optical 50,000 h maximum APPROVAL DATA Conforms with CE	-	
Conforms with CE Yes	Service life optical	50,000 h maximum
	APPROVAL DATA	
Conforms with RoHS directive Yes	Conforms with CE	Yes
	Conforms with RoHS directive	Yes

Pror 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.

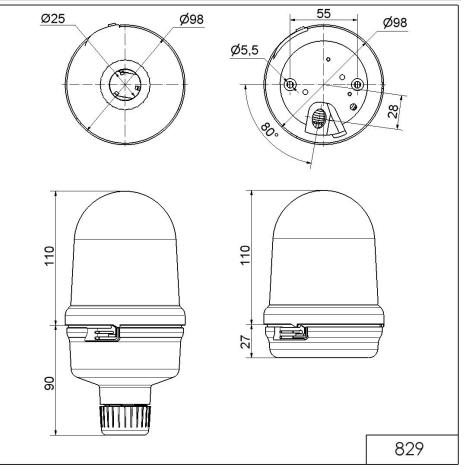
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WEEE	Yes
Conforms with ATEX-directive	No
Conforms with CCC	No
Conforms with UL	cULus
UL Type Rating	Type 12
Conforms with FCC	No
Conforms with IC	No
EAC certificate available	Yes
Conforms with UKCA (Importer)	Yes (WERMA (UK) Ltd.)
Conforms with AS-I	No
ICAO Certification	No
Conforms with DNV	No
Conforms with RoHS CN	No
Conforms with VdS	No

DRAWING



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