

# Prisma Daps

DIGITAL ACCESSIBLE PEDESTRIAN SIGNAL



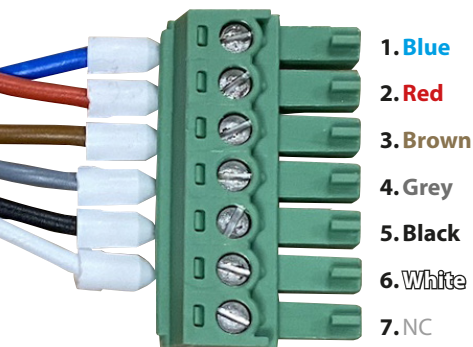
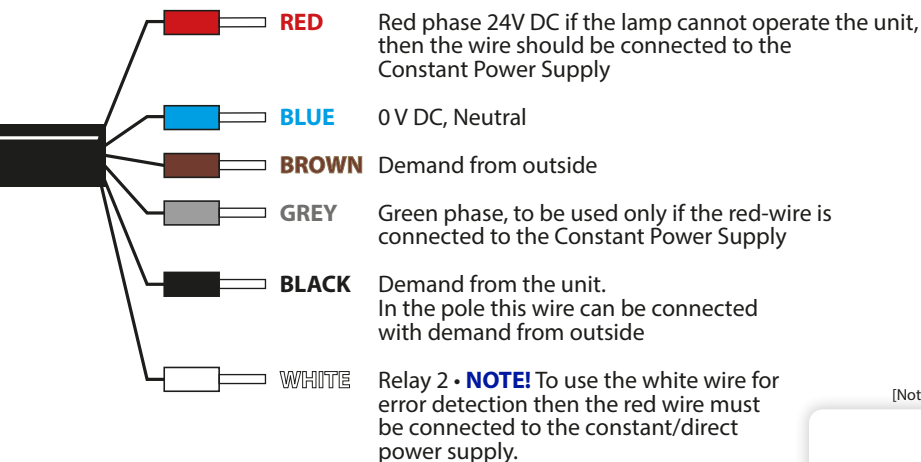
**MANUAL**  
**24 V DC**

**2300-S**

 **PRIMATIBRO**

# CABLE DESCRIPTIONS

## 24 V DC



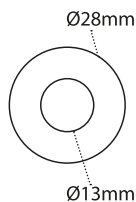
# POWER SUPPLY & CABLE

Powered directly from the intersection pole or through the red lamp.  
Supplied with a 6-wire cable.

## HOLE PATTERN

Upon request a real size hole pattern sticker **1** can be provided along with the ordered products.  
Fasten the hole pattern on the pole and drill the holes.

[Not actual size]



PRISMATIBRO TECHNICAL SUPPORT - +46 504 400 40 - support@prismatibro.se

# INSTALLATION

## OPTION 1

**When the unit is mounted directly on the pole access panel from backside**

1. Plug in the cable's 7-pin male connector into the unit's female connector.
2. Remove the access panel from the pole.
3. Insert the cable through the access panel.
4. Screw the unit onto the access panel from backside, using M6 screws, max. 15 mm long.
5. Connect the 6-wire cable into the pole according to the cable description.
6. Reinstall the access panel with the unit on the pole.
7. Test the device.

## OPTION 2

**When it's not possible to get access to screw from backside of the pole.**

**Or when the unit is to be mounted far from the pole access panel, for example: on a bike support rail.**

## NOTE!

*For this to happen:*

*When ordering, please specify that a longer cable is required - then we will be able to supply 1 (one) extra meter to be added to our standard cable.*

1. Unscrew the top cover and the led light ring.
2. Remove the push front and the electronic module.
3. Mount the housing on the pole.
4. Insert the cable into the pole.
5. Pull the cable upwards to the right in the recess and push the electronic module down into the upper track until the end position.
6. Plug in the cable's 7-pin male connector into the unit's female connector.
7. Reinstall the push front, light ring and the top cover.
8. Connect the cable into the pole according to the cable description.
9. Test the device.

# DIP-SWITCHES



**1: ON** Activates self-locking on the LED Light Ring, LED Light in front and GPD-system. It turns off at green phase or during power failure.

**2: ON** Activates auto detection of self-locking, alternatively the LED Light Ring and LED light in front will be controlled by the traffic controller. When Dip-switch 2 is ON then Dip-switch 1 should be turned off.

**3: ON** Activates extended push. 3 seconds push activates relay 1 for 3 seconds.

**NOTE!** If DIP 7 is ON, relay 2 is activated instead of extended push.

**4: ON** Activates notification sound with demand from outside - from other Prisma Daps pedestrian signals.

**5: ON** Activates notification sound with demand.

**6: ON** Activates the red error-LED light in front in case of an error. And activates error signaling with relay 2 during green phase. Also activates that the red LED Light in front turns on while an error is detected.

**7: ON** Output relay 2 is also activated with demand.

**NOTE!** If DIP 3 is ON, relay 2 activates only at extended push.

**8: ON** The LED Light Ring is always activated.

**NOTE!** If the LED Light Ring is not connected, then DIP 8 is used to turn off the error reporting of the LED Light Ring.

## ERROR HANDLING

Visit: [primatibro.se/en/error-da](http://primatibro.se/en/error-da) or scan the QR-code to get there.



# TECHNICAL SPECIFICATIONS

<b>Power supply</b>	12-30 V DC	<b>Light Character</b>	Glow Yellow, approx. 590 nm wave length
<b>Power consumption</b>	1 W when inactive 2 W when notification	<b>Light output LED in Front</b>	9 x 4000 Partial FLUX
<b>Dimensions H x W x D</b>	With LED Light Ring: 263x96x45 mm • Without LED Light Ring: 253x96x45 mm		
<b>Diameter to fit the pole</b>	Ø 114 mm	<b>Light output LED Light Ring</b>	14 x 4000 Partial FLUX
<b>Weight</b>	1,3 kg	<b>Protection Class</b>	CLASS II
<b>MTBF</b>	8 year	<b>IP Classification</b>	IP 55
<b>Temperature Range</b>	-40 to +70° C -40 to 158° F	<b>IK Rating</b>	IK 10
<b>Housing</b>	Aluminum	<b>Warranty</b>	5 year
<b>Top cover, bottom lid</b>	Polyamid PA66		



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