

# STRANDS PRO

## XBB POWERUNIT WIRING HARNESS

### WIRING INSTRUCTIONS

- RED: + VDC (25A FUSE AND BATTERY POLE)
- BLACK: (-) NEGATIVE (WITH BATTERY POLE)
- YELLOW: + AMBER OR ANY POSITION LIGHT
- WHITE: + WHITE OR ANY POSITION LIGHT
- GREY: + SIGNAL WIRE TO XBB OUTPUT 1
- BLUE: + XBB POWER OUTPUT 2 ( INSIDE HEAT SHRINK TUBE AND ALREADY CONNECTED TO ON/OFF/ON SWITCH)

### ADDITIONAL INFORMATION

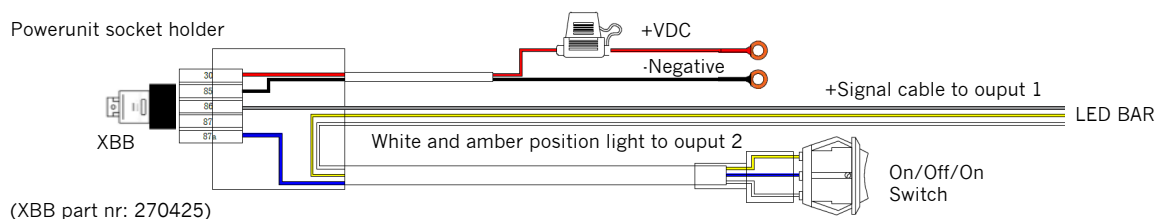
**Wiring Instructions:** The yellow and white wires are designed to be controlled by the ON/OFF/ON switch.

**Custom Connection:** To bypass the switch, simply disconnect the wire and connect it to your preferred signal or control switch.

**Waterproof Seal:** For a watertight connection, use Duraseal and heat-shrink tubing on the signal, yellow, and white wires.

**Cable length is 700mm**  
**Switch Diameter is 22mm**

### CONNECTION DIAGRAM



**Note:** This wiring harness is designed for connecting an XBB Power Unit. The Power Unit or relay are not included in the package. The On/Off/On switch is for two-position lights; if this feature is not needed, you do not need to connect any wires to the assigned wire in the harness, easy to use for lights with a built-in relay. For those lights without a built-in relay and power above 15A, an extra relay cable harness is required.

## INCLUDED IN PACKAGE:

- 3pcs X Duraseals
- Battery Pole: J431-8B\*2  
D:  $\phi 15 \pm 0.2 \text{ mm}$ , ID:  $8.5 \pm 0.1 \text{ mm}$  Thickness:  $0.8 \text{ mm}$
- Cable specification: Red, Black:  $2 \text{ mm}^2$   
Yellow, White, Grey, Blue:  $0.5 \text{ mm}^2$  (Area)

Use the QR code to check out below information:

- ✓ Product specification
- ✓ Advanced manual
- ✓ Suitable products



## READ ALL THE INSTRUCTIONS AND STUDY THE DIAGRAMS BEFORE INSTALLING NEW LIGHT!

### LEGAL MOUNTING

- Please check state and local laws for proper usage and mounting. Strands will not be responsible for products mounted incorrectly or in violation of local laws (e.g., ECE R48 regulation for the EU)

### PRODUCT CARE

- Clean the product with lukewarm water and an alkaline degreaser. Avoid strong chemicals; rinse immediately if exposed. Do not use a pressure washer for cleaning.
- Take care if your light has a breather. Ensure it is protected against rain and dust, especially if it has a sticker breather. Damage to the breather due to incorrect installation will void the warranty.
- Internal moisture is normal and will dissipate through the breather vent after several days of use.
- We do not recommend painting the product housing. If paint is still applied, please ensure the breather is protected and an oven is not used for curing the paint. Otherwise, the warranty might be void.

### INSTALLATION

- Ensure power is turned off during installation.
- Do not cut the connector cable to less than 50 cm. If the original cable is already shorter than 50 cm, leave it as is. Otherwise, the warranty will be void.
- Make sure to use only the correct accessories included in the package. Installation errors may void the warranty.
- Tighten screws, washers, and nuts to prevent them from loosening or chafing. Do not overtighten screws to avoid damaging the product's protective components.
- Use a watertight solution for wiring connections.

### WARNING!

- For safe operation, use only the voltage specified in the product description. This light becomes hot under continuous use. Do not remove or touch the casing for at least 30 minutes after turning the lamp off

Contact us if you need support: [support@strands.se](mailto:support@strands.se) or +46(0)320-450450  
Please also refer to the FAQ section on our website for more information.

[www.strands.se](http://www.strands.se)  
[www.strandseurope.com](http://www.strandseurope.com)



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