Powering VE.CAN

Introduction

Powering of the VE.CAN bus may be needed when there are no products in the network that power the VE.CAN bus. See below for the different types of products.

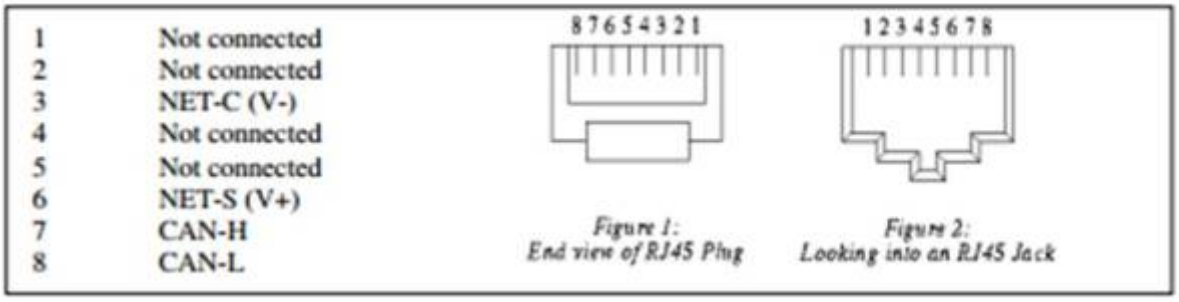
VE.Can product power categories

- Products that power themself, and put power on VE.Can (isolated): Skylla-i
- Products that power themself, and put power on VE.Can, non-isolated: MPPT 150/70
- Products that power themself, and also the isolated side of there own transceiver: Color Control GX
- Products that are powered from VE.Can, and therefore also not isolated: Skylla-i Control Panel, VECAN to VEBus interface

If for example you want to connect more then 1 Multi or Quattro system to the ColorControl GX this can be done using the VE.CAN to VE.Bus interface. If there is no device in the network that powers the CAN bus. The power needs to be supplied seperatly. This can be using a RJ45 cable with power connection

Hardware

To make a cable to power the VE.CAN bus take a standard RJ45 UTP network cable. Cut off one end and strip the cable. Connect the ground to pin 3. On a standaard cable this is the green/white wire. Connect the V+ to pin 6. On a standaard cable this is the green wire. Put a 1A fuse in series with the V+ wire. The input voltage can be between 10-60 V DC.



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