

Product Data Sheet

SD 8714-2E01

August 2008

PD660 SPI with RS485 P-NET Interface

Damcos® Series 600



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Damcos® PD660

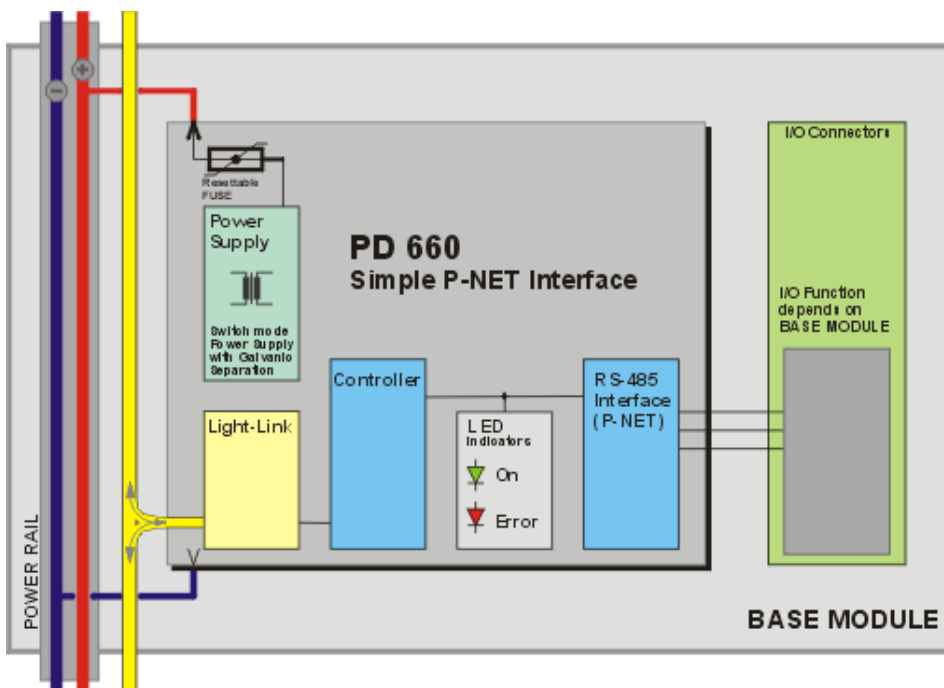
Introduction

The PD 660 Simple P-NET Interface is one of a number of standard modules within the PD 600 series range. Its main purpose is to provide a transparent link between standard RS 485 P-NET and the optical Light-Link P-NET used between other 600 series modules. The module itself does not require any programming or configuration. This module is normally used either when no DPI is included within a cluster of I/O modules and a connection is required with RS 485 P-NET, or a DPI

is included, but this has an interface with a standard other than RS 485. The PD 660 device performs a direct (repeater) link between an RS485 network segment and Light-Link, meaning that any modules included in the cluster will be regarded as part of that RS485 network. In other words, no gateway function is involved, as would be the case if the connection were made through a DPI. It is used with a BM 002 base module.

Block schematic

The diagram shows connection possibilities for a PD 660.



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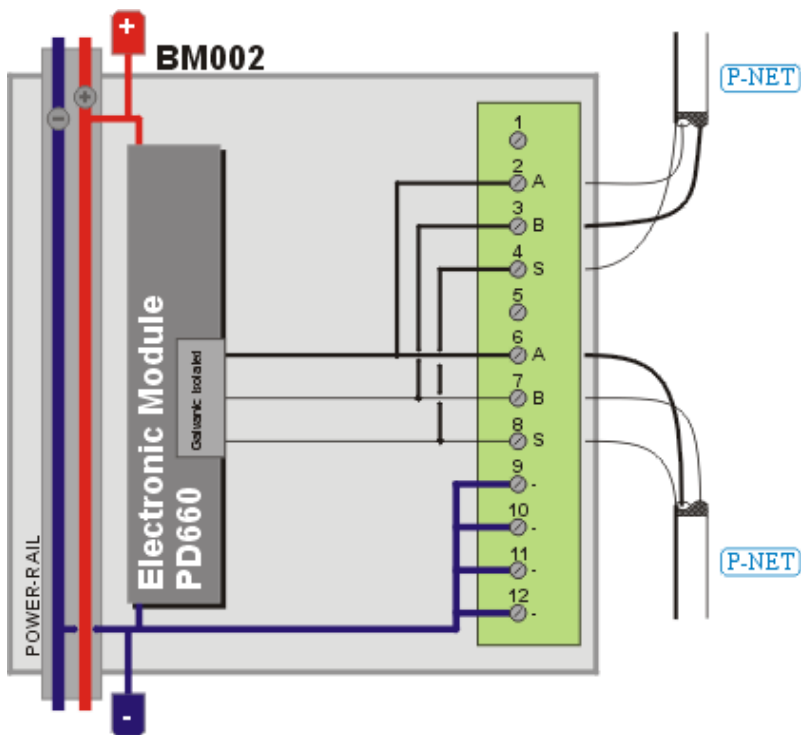
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LED Indicators

Serie 600 slave devices are equipped with 2 LEDs, a green (On) for indication Power supply, and a red (Error) for indicating errors in the device. The Error LED is ON if an error occurs inside the

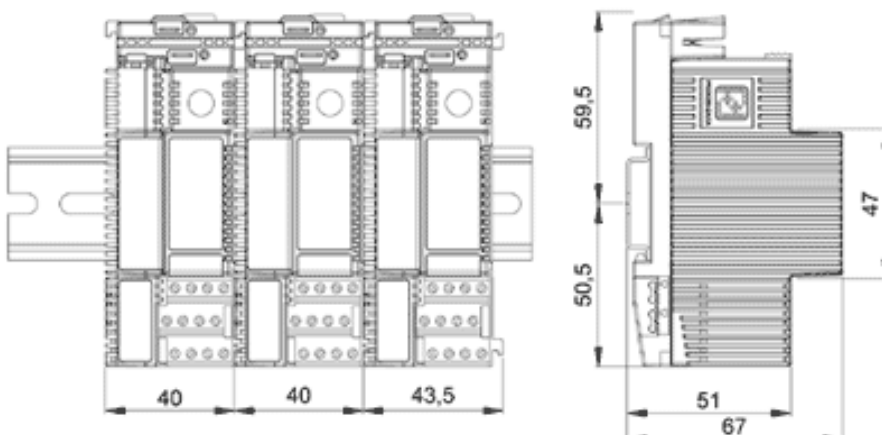
device, which causes one of the error flags to be set to TRUE. This is for example watchdog error or error in EEPROM memory.

Wiring diagrams



Technical specifications

Dimensions (in mm)



Damcos® PD660

Maritime approvals

Det Norske Veritas
Lloyd's Register of Shipping
Bureau Veritas
Germanischer Lloyd
American Bureau of Shipping

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