HIMA

F 7130A: Power supply module

Input voltage 24 VDC, output voltage 5 VDC for PES H41q

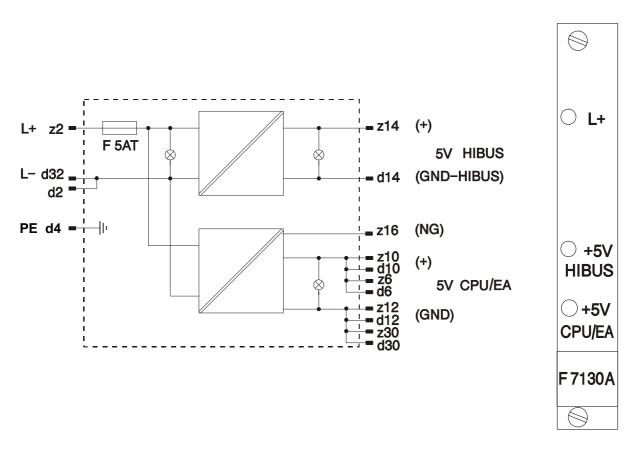


Figure 1: F 7130 A power supply module

The module supplies PES H41q with 5 VDC from a main supply of 24 VDC. It is a DC/DC converter with electrical isolation between input and output voltage. The module is equipped with overvoltage protection and current limitation. The outputs are short-circuit proof. The supply connections are separated for the central device/IO modules and HIBUS interface.

The present input voltage (L+) and the output voltages are indicated with LEDs on the front plate. A proper operation of the module is still assured if the LED 5 V CPU/EA illuminates only slightly.

The power supply for the monitoring of the central device is fed separately via pin z16 (NG).

24 VDC, -15+20 %, r _{pp} < 15 % 5 A gL
5 VDC, \pm 0.25 V / 10 A
5 VDC, ± 0.25 V / 1 A
≥ 70 %
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