

F7130A

24 VDC-to-5 VDC power supply for PES H41q

The F 7130A converts a 24 VDC main supply to isolated 5 VDC outputs for PES H41q. The HIMA sheet separates the central-device/I/O supply from the HIBUS output and lists front LEDs, protection and a dedicated monitoring feed.

INPUT

24 VDC main supply with the documented tolerance.

CPU / I/O

Separate 5 VDC, 10 A central and I/O output.

HIBUS

Separate 5 VDC, 1 A HIBUS output.

PROTECTION

Electrical isolation, overvoltage and current limitation.

INTERFACE	HIMA RECORD
Conversion	DC/DC converter with electrical isolation between input and outputs.
Supply split	Central-device/I/O and HIBUS connections are separate.
Input LED	L+ presence is indicated on the front plate.

EXACT-MODEL BOUNDARY

Do not confuse this H41q supply with the F 7126 H51q unit; verify rail separation, 5 A fuse and z16 monitoring feed.

MANUFACTURER BASIS

HIMA Paul Hildebrandt GmbH + Co KG, F 7130A (0507) Power Supply Module Data Sheet, p. 1

Factual operating values

PARAMETER	HIMA DATA
Main input	24 VDC, -15% to +20%
Input ripple	Less than 15%
Primary fuse	5 A gL
Central/IO output	5 VDC +/-0.25 V, 10 A
HIBUS output	5 VDC +/-0.25 V, 1 A
Efficiency	At least 70%
Short-circuit response	Outputs are short-circuit proof
Module width	4 SU
Central monitoring feed	Separate pin z16 (NG)

CPU/IO LED

5 V CPU/EA output has a front indication.

HIBUS LED

5 V HIBUS output has a front indication.

Monitoring

Central-device monitoring receives separate supply via z16 (NG).

INTERPRETATION

These are manufacturer-stated module values, not a substitute for the installed safety design, cable-plug variant or cabinet acceptance record.

DOCUMENT CONTROL

HIMA Paul Hildebrandt GmbH + Co KG, F 7130A (0507) Power Supply Module Data Sheet, p. 1