



F 7126: Power supply module

Input voltage 24 VDC, output voltage 5 VDC
for PES H51q

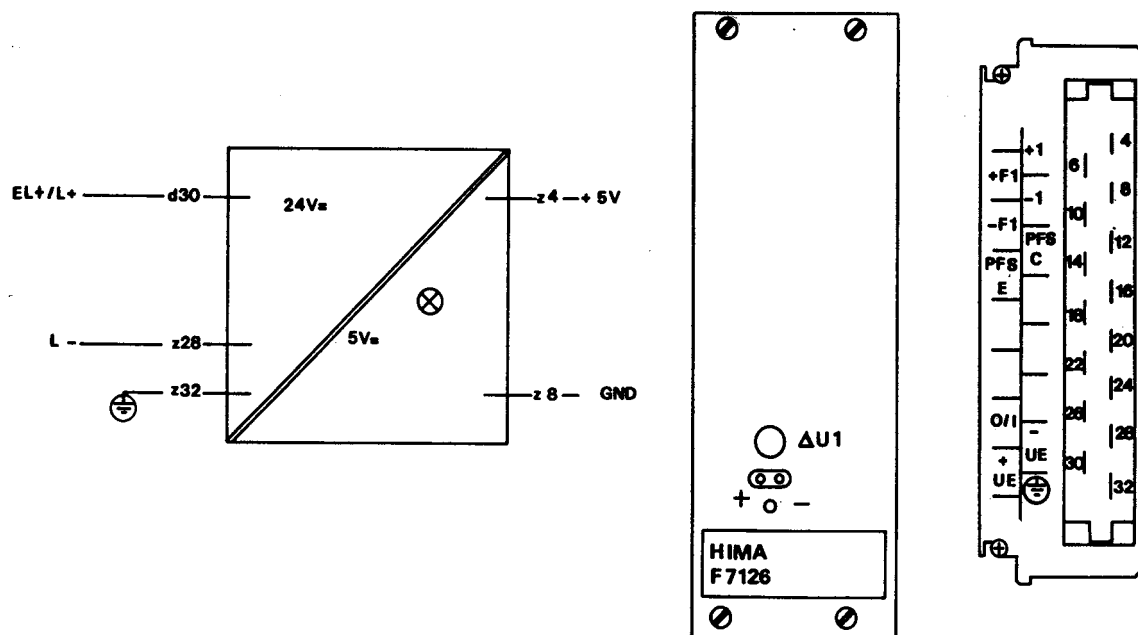


Figure 1: F 7126 power supply module

The module supplies automation systems with 5 VDC from a main supply of 24 VDC. It is a DC/DC converter with safe isolation between input and output voltage. The module is equipped with overvoltage protection and current limitation. The output is short-circuit-proof.

To avoid unbalanced load with redundant use of the power supply F 7126 the difference between their output voltages may not be more than 0.025 V.

On the front plate there are a test socket and a potentiometer for adjusting the output voltage. The adjustment is only admissible with a suitable measuring instrument of high accuracy.

Operating data	24 VDC, -15...+20 %, $r_{pp} < 15 \%$
Primary fuse	6.3 A slow blow
Output voltage	5 VDC $\pm 0.5V$ steplessly adjustable factory adjustment: 5.4 VDC $\pm 0.025 V$
Output current	10 A
Current limitation	approx. 13 A
Overvoltage protection	set to 6.5 V / $\pm 0.5V$
Efficiency rate	$\geq 77 \%$
Interference	according to EN 55011 / EN 55022
Space requirement	8 SU

