F 7131

CE

F 7131: Power supply monitoring with buffer batteries

for PES H51q

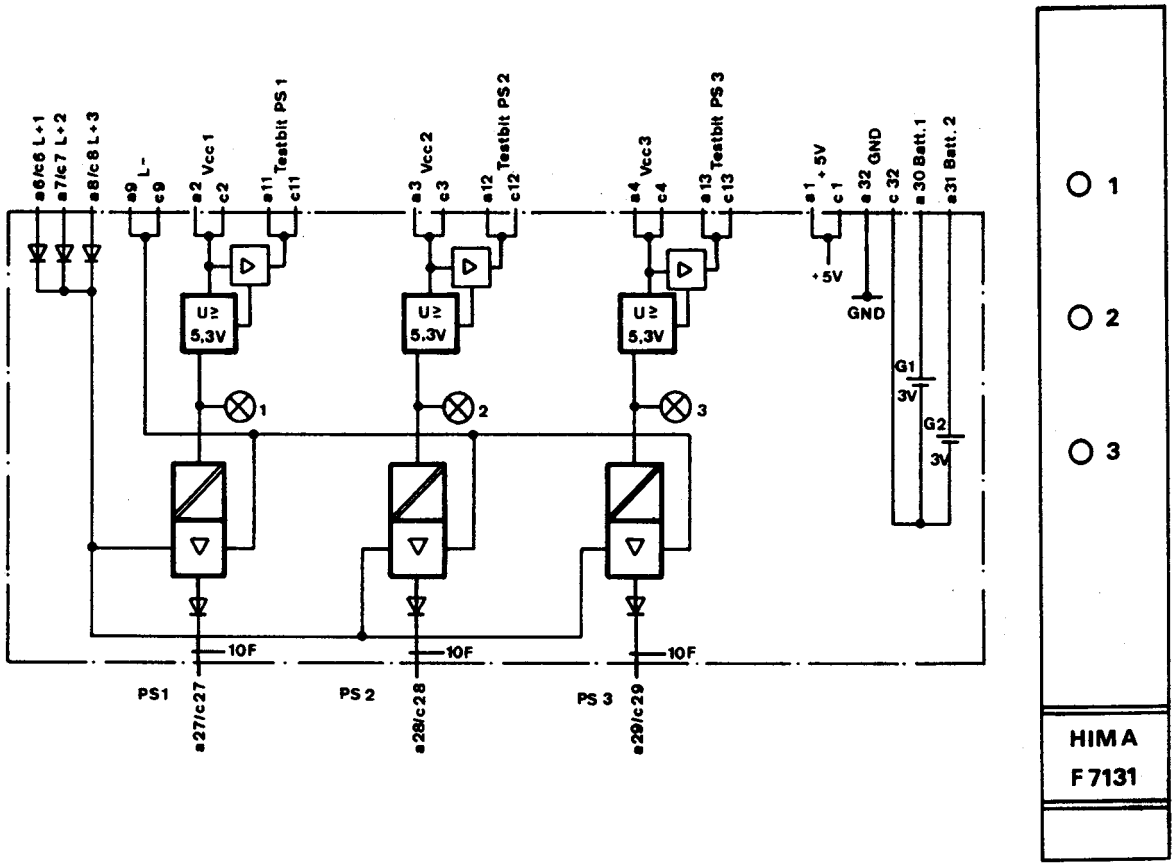


Figure 1: F 7131 Power supply monitoring with buffer batteries

The module F 7131 monitors the system voltage 5 V generated by the three power supplies (max.) as follows:

– 3 LED displays at the front of the module,
– 3 test bits for the central modules for the diagnostic display and for the operation within the user program,
– for the use within the additional power supply (assembly kit B 9361) the function of the power supply modules in it could be monitored via three outputs of 24 V (PS1 to PS 3).

Operating data	5 VDC / 25 mA 24 VDC / 20 mA
Space requirement	4 SU

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Note

Lifetime of the buffer battery
(*without* external voltage feeding):
1000 days at T_A = 25 °C
200 days at T_A = 60 °C
It is recommended to change the unloaded buffer battery (module in operation) at the latest after six years.
Type of battery: CR-1/2 AA-CD,
HIMA part no. 44 0000016 (with soldering lugs)
HIMA part no. 44 0000019 (without soldering lugs, since AS 02)