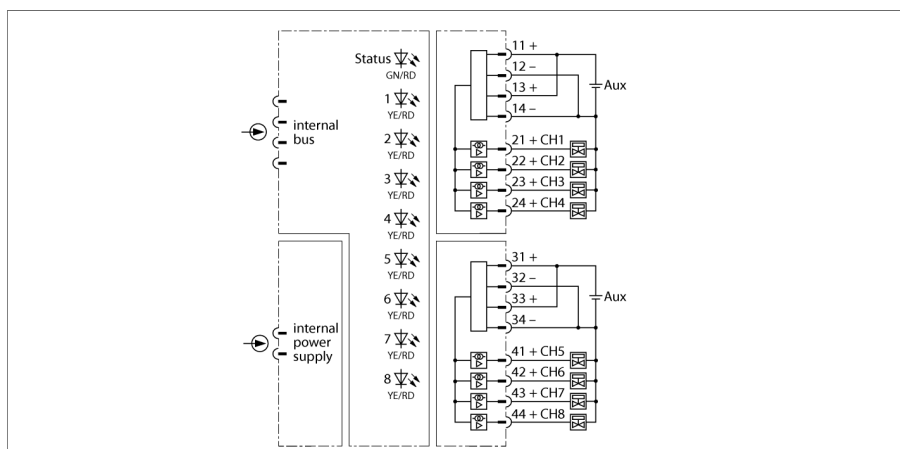




The output module DO80-N serves for connection of 24-VDC actuators. You can connect eight 24 VDC actuators such as valves or indicators with 0.5 A to it. The actuators are not powered via the module, but via a reverse-polarity protected auxiliary energy which is fed separately via the terminals to the channels 1 ... 4 (group 1) and 5 ... 8 (group 2). To increase the load, the outputs can be connected in parallel within a group. Both output circuits are galvanically isolated from each other.

The behaviour of the outputs can be adjusted via the PROFIBUS-DP master. Possible parameters are switching behaviour, substitute value strategy, open-circuit monitoring, short-circuit monitoring and short-circuit behaviour.

- Output module for actuators or indicators
- Output current: 8 x 0.5A



Type designation		DO80-N
Ident-No.		6884274
Supply voltage		via the backplanes, central power supply
Power consumption		≤ 1 W
Galvanic isolation		two isolated groups
Number of channels		8-channel
Input circuits		
Auxiliary power		2 x (19.2...30 VDC)
Power dissipation		≤ 2 W
Output circuits		
Output current		≤ 500 mA
Switching frequency, resistive		< 50 Hz
Switching frequency, inductive		< 1 Hz
Switching frequency, lamp load		< 2 Hz
Short circuit		< 48 Ω
Short-circuit protection		yes, cyclic
Wire break		> 10 kΩ at 0-signal; > 5 kΩ at 1-signal
Indication		
Operational readiness		1 x green / red
State/ Fault		8 x yellow / red
Housing material		Plastic
Connection mode		module, plugged on rack
Protection class		IP20
Ambient temperature		-20...+70 °C
Relative humidity		≤ 93 % at 40 °C acc. to EN 60068-2-78: test cab
Vibration test		acc. to IEC 60068-2-6
Shock test		acc. to IEC 60068-2-27
EMC		acc. EN 61326-1 (2013)
MTTF		55 years acc. to SN 29500 (Ed. 99) 40 °C
Dimensions		18 x 118 x 106 mm

Dimensions

