



IE2808 | 16-channel digital output 24 V DC, $I_{MAX} = 0.5 \text{ A}$ ($\Sigma 4 \text{ A}$)

The IE2808 digital output module connects the binary control signals from the automation unit on to the actuators at the process level. The sixteen outputs handle load currents of up to 0.5 A each, although the total current is limited to 4 A. This makes these modules particularly suitable for applications in which not all of the outputs are active at the same time, or in which not all of the actuators draw 0.5 A current. An output short-circuit is recognised and passed on to the controller. The signal state is indicated in groups by means of light emitting diodes. The signal connection is realised by the 25-pin D-sub socket. All outputs are short-circuit-proof, protected against inverse connection and can be diagnosed.

After a fault, e.g. a short circuit at an output, the IE2808-0001 version starts up again automatically. The IE2808 version waits for the fault to be reset by the master (CTRL byte).

Technical data	IE2808	IE2808-0001
Number of outputs	16	
Output connections	D-sub socket, 25-pin	
Load type	ohmic, inductive, lamp load	
Nominal output voltage	24 V DC (-15 %/+20 %)	
Max. output current	0.5 A per channel, individually short-circuit-proof, total current max. 4 A	
Short circuit current	max. 1.5 A	
Auxiliary power current	typ. 30 mA	
Current consumption from Us (without sensor current)	25 mA	
Power supply connection	feed: 1 x M8 male socket, 4-pin; downstream connection: 1 x M8 female socket, 4-pin	
Error handling	fault acknowledgement by master required	automatically
Bit width in the process image	16 outputs, 16 inputs (diagnostics) optional: control/status	
Electrical isolation	channels/control voltage: no, between the channels: no, control voltage/fieldbus: yes, via IP-Link	
Operating/storage temperature	0...+55 °C/-25...+85 °C	
Vibration/shock resistance	conforms to EN 60068-2-6/EN 60068-2-27	
EMC immunity/emission	conforms to EN 61000-6-2/EN 61000-6-4	
Protect. class/installation pos.	IP 65/66/67 (conforms to EN 60529)/variable	
Approvals	CE, UL	

Accessories	
ZS2002-0111	D-sub plug, 25-pin, solder contacts, IP 67