



IE2403 | 16-channel digital combi input/output 24 V DC

The digital IE2403 I/O module has sixteen channels with eight inputs and eight outputs. The device can therefore be flexibly adapted to the requirements of the application. The outputs handle load currents of up to 0.5 A, are short-circuit-proof and protected against inverse polarity. For the signal connection connectors with a spring-loaded system are used, optionally available with 1 or 3 pins. The module is supplied without connectors.

Technical data	IE2403
Number of channels	16 channels (8 inputs and 8 outputs)
Input/output connections	connector with spring-loaded system
Input filter	3 ms
"0" signal voltage	-3...+5 V
"1" signal voltage	11...30 V, 6 mA input current (EN 61131-2, type 2)
Sensor supply	from control voltage, max. 0.5 A total, short-circuit-proof
Load type	ohmic, inductive, lamp load
Rated load voltage	24 V DC (-15 %/+20 %)
Max. output current	max. 0.5 A on each channel, individually short-circuit safe
Short circuit current	typ. 1.5 A
Auxiliary power current	typ. 20 mA per channel
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
Bit width in the process image	8 inputs + 8 outputs
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 20/variable
Approvals	CE

Accessories	
ZS2001-0001	female header with spring connection as IP 20 plug-in connection level, for KM or EM modules, EP2316-0003, EPP2316-0003 and IE2403, 1 x 10-pin, without LED
ZS2001-0002	female header with spring connection as IP 20 plug-in connection level, for KM or EM modules, EP2316-0003, EPP2316-0003 and IE2403, 1 x 10-pin, with LED
ZS2001-0004	female header with spring connection as IP 20 plug-in connection level, for KM or EM modules, EP2316-0003, EPP2316-0003 and IE2403, 3 x 10-pin, with LED