

# I/O module - IBS IP CDIO/R 24-12/4/8-SF - 2730077

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Digital input/output module, for use on robots, IP65 protection, 12 inputs, 24 V DC, 4-wire connection technology and 4 outputs, 24 V DC, 0.5 A/2 A, 3-wire connection technology, connection of additional signals on the back of the module

The figure shows version IBS IP CDIO/R 24-8

## Product Description

The IBS IP CDIO/R 24... modules are available as an input/output unit for the robot concept. The metal housing allows them to be used in welding applications. The module can be used directly on the welding transformer if it is mounted on a terminal box. The modules are connected via a 17-pin circular connector. In addition to the INTERBUS and power supply lines, this connector also carries two further signal lines for constant current regulation (CCR) and for secondary circuit monitoring (SCM). These signals are looped in on the underside of the .../SF devices and are needed at the welding current controller for control and monitoring tasks. Two module types are available: The IBS IP CDIO/R 24-8 ... module has 8 channels that can be used either as inputs or as outputs. The IBS IP CDIO/R 24-12/4/8 .. module has 12 inputs and 4 outputs.

## Your advantages

- 12 digital inputs
- 4 digital outputs
- Diagnostic and status indicators



## Key Commercial Data

Packing unit	1 pc
GTIN	
GTIN	4017918437312

## Technical data

### Note

Utilization restriction	EMC: class A product, see manufacturer's declaration in the download area
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### Ambient conditions

Degree of protection	IP65
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### Interfaces

Interface	Installation remote bus
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## Technical data

### Power supply

Residual ripple	3.6 V <sub>pp</sub>
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### Electrical isolation

Test section	Supply voltage US1; sensor supply 500 V AC 50 Hz 1 min.
	Supply voltage US2 500 V AC 50 Hz 1 min.
	Bus logic, incoming and outgoing remote bus 500 V AC 50 Hz 1 min.

### Inputs

Number of inputs	12
Connection technology	4-wire
Input voltage	24 V DC
Input voltage range "0" signal	-30 V ... 5 V
Input voltage range "1" signal	13 V ... 30 V

### Outputs

Number of outputs	4
Connection technology	3-conductor (shielded)
Type of protection	Short-circuit protection, polarity reversal protection

### General

Weight	800 g
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### Standards and Regulations

Connection in acc. with standard	CUL
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### Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
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## Approvals


### Approvals

#### Approvals

UL Recognized / cUL Recognized / EAC / cULus Recognized


#### Ex Approvals

### Approval details

UL Recognized		<a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a>	FILE E 140324
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EAC		EAC-Zulassung
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cULus Recognized	
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