

## IO module

**mcIO-K10**

Article number: 1513029

**Technical data**

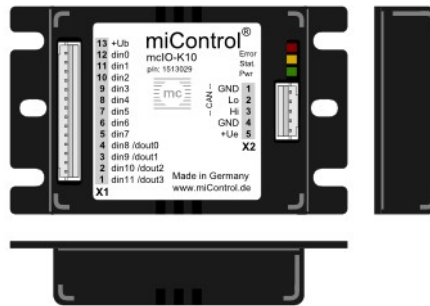
<b>Power</b>	
Electronic supply voltage Ue	9..30 V
Electronic current consumption @ Ue=24V	typ. 30 mA
I/O supply voltage Ub	9..30 V
<b>Mechanical</b>	
Size LxWxH	74 x 45.5 x 14 mm
Weight	26 g
<b>Environment</b>	
Protection class	IP20
Operating temperature	-25..70 °C
Rel. humidity (non-condensing)	5..90 %
<b>Digital inputs</b>	
Number	12 (Din0..11)
Low voltage	0..5 V
High voltage	12..30 V
Notice	Din8..11 parallel with Dout0..3
<b>Digital outputs</b>	
Number	4 (Dout0..3)
Continuous output current	0.7 A per output, total 2A
Load	resistive, inductive
Output voltage	Electronic supply voltage Ue
Signal type	positive switching
Notice	Dout0..3 parallel with Din8..11

<b>CAN bus</b>	
Protocol	DS301
Device profile	DS401
Max. baudrate	1 Mbit/s
CAN specification	2.0B
Galvanically isolated	no

Additional technical data are available in mcManual.



## Scheme



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## Terminal assignment

X1 Digitale I/O's		
1	Din11/Dout3	Digital input 11 / Digital output 3
2	Din10/Dout2	Digital input 10 / Digital output 2
3	Din9/Dout1	Digital input 9 / Digital output 1
4	Din8/Dout0	Digital input 8 / Digital output 0
5	Din7	Digital input 7
6	Din6	Digital input 6
7	Din5	Digital input 5
8	Din4	Digital input 4
9	Din3	Digital input 3
10	Din2	Digital input 2
11	Din1	Digital input 1
12	Din0	Digital input 0
13	+Ub	I/O's supply voltage
X2 Electronic supply and CAN		
1	CAN GND	CAN Ground
2	CAN Lo	CAN Low
3	CAN Hi	CAN High
4	GND	Ground for electronic and I/O's supply voltage
5	+Ue	Electronic supply voltage