

IO module

mcIO-K10

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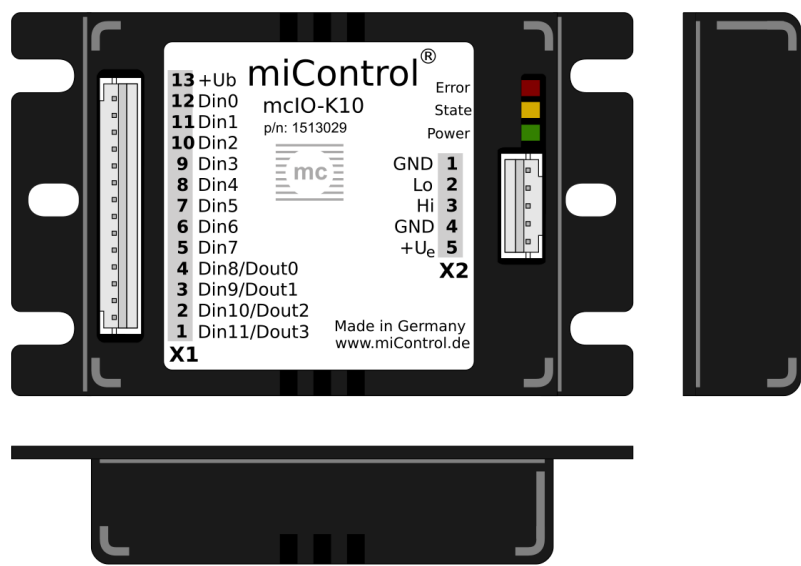


Picture similar

Technical data

Power	
Electronic supply voltage Ue	9..30 V
Electronic current consumption @ Ue=24V	typ. 30 mA
I/O supply voltage Ub	9..30 V
Mechanical	
Size LxWxH	74 x 45.5 x 14 mm
Weight	26 g
Environment	
Protection class	IP20
Ambient temperature (operation)	-25..70 °C
Ambient temperature (storage)	-25..85 °C
Rel. humidity (non-condensing)	5..90 %
Digital inputs	
Number	12 (Din0..11)
Low voltage	0..5 V
High voltage	12..30 V
Notice	Din8..11 parallel with Dout0..3
Digital outputs	
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
CAN bus	
Protocol	DS301
Device profile	DS401
Max. baudrate	1 Mbit/s
CAN specification	2.0B
Galvanically isolated	no

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

