



## IO-16DI

Distributed I/O:s

*IO module for expanding Regin's programmable controllers EXOflex, EXOcompact and EXOdos.*

- ✓ Simple wiring
- ✓ Easy to install in a standard casing

### Function

IO-16DI enables easy expansion of a system by 16 additional inputs per controller.

Communication takes place via EXOline or CAN-Bus. Which protocol should be used is set via DIP switches.

### Inputs

IO-16DI has 16 digital inputs with pulse counting. The inputs have indication via LEDs.

## Technical data

Supply voltage	24 V AC $\pm$ 15 %, 50 Hz
Power consumption	Max. 3.5 VA
Communication	EXOline, CAN-bus
Communication speed	9600 bps 20000 bps
Operating temperature	0...50°C
Storage temperature	-20...+70°C
Ambient humidity (operation)	Max. 90 % RH
Protection class	IP20
Mounting	DIN-rail or in a standard casing
Dimensions	148 x 123 x 60 mm (WxHxD) incl. terminals
DIN-rail module width	8.5

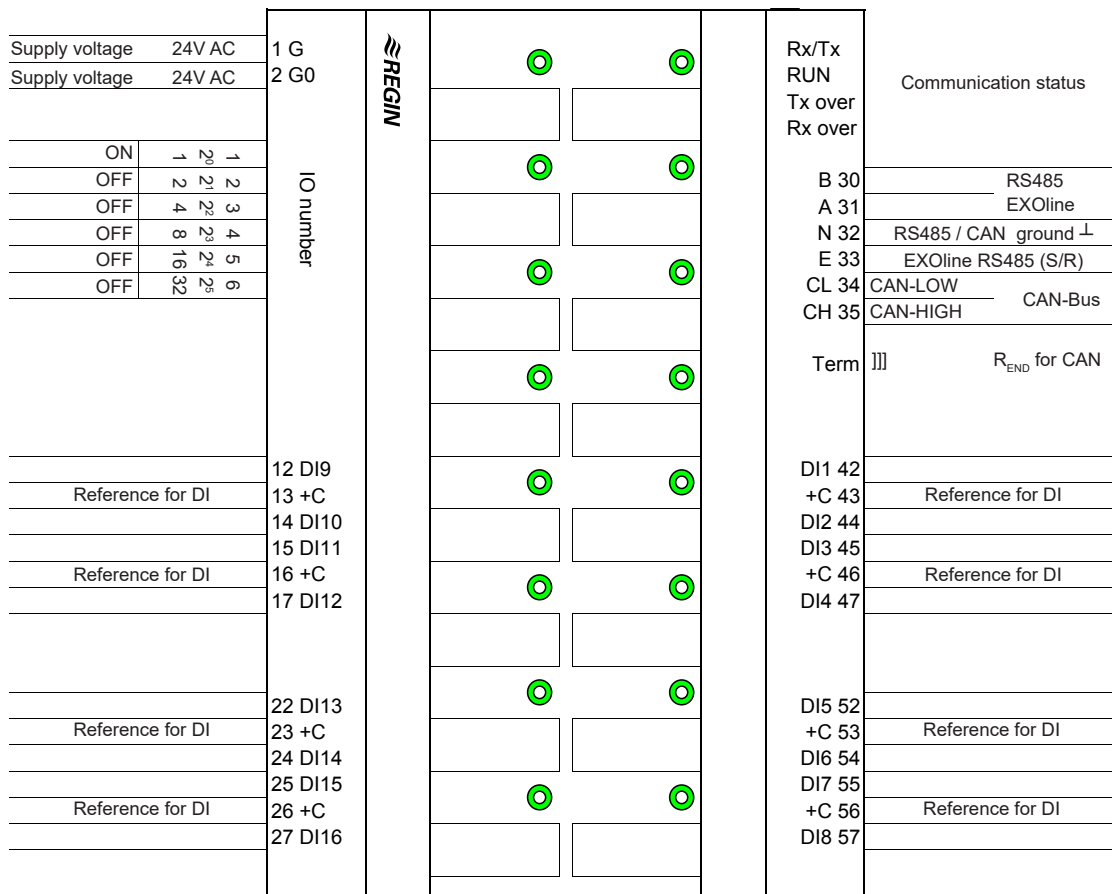
## Inputs

Digital inputs (DI)	Potential-free closing contact between +C and DI, 24 V DC, can be configured as a pulse input
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## CE

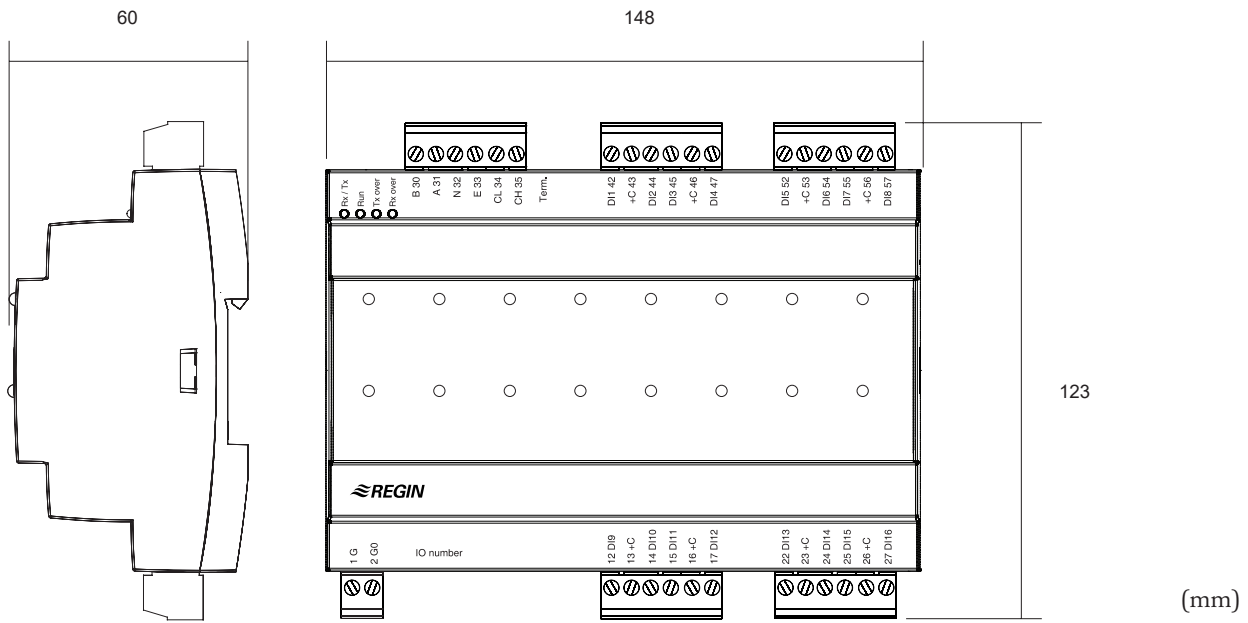
This product carries the CE mark. For more information, see [www.regincontrols.com](http://www.regincontrols.com).

## Wiring



Terminal	Description	Function
1	G (F24~/)/+	Supply voltage 24 V AC
2	G0 (F24 )/-	Supply voltage 24 V AC
30	B	EXOline RS485
31	A	
32	N	EXOline RS485 / CAN ground
33	E	EXOline RS485 Send/Receive alternating
34	CL	CAN-Low
35	CH	CAN-High
42	DI1	Digital input 1
43	+C	24 V DC for all digital inputs
44	DI2	Digital input 2
45	DI3	Digital input 3
46	+C	24 V DC for all digital inputs
47	DI4	Digital input 4
52	DI5	Digital input 5
53	+C	24 V DC for all digital inputs
54	DI6	Digital input 6
55	DI7	Digital input 7
56	+C	24 V DC for all digital inputs
57	DI8	Digital input 8
12	DI9	Digital input 9
13	+C	24 V DC for all digital inputs
14	DI10	Digital input 10
15	DI11	Digital input 11
16	+C	24 V DC for all digital inputs
17	DI12	Digital input 12
22	DI13	Digital input 13
23	+C	24 V DC for all digital inputs
24	DI14	Digital input 14
25	DI15	Digital input 15
26	+C	24 V DC for all digital inputs
27	DI16	Digital input 16

## Dimensions



## Product documentation

The manuals can be downloaded from Regin's FTP server. It is intended for our system customers who need to share files with us, e.g. at technical support. Contact one of our sales engineers to get access to the FTP server.