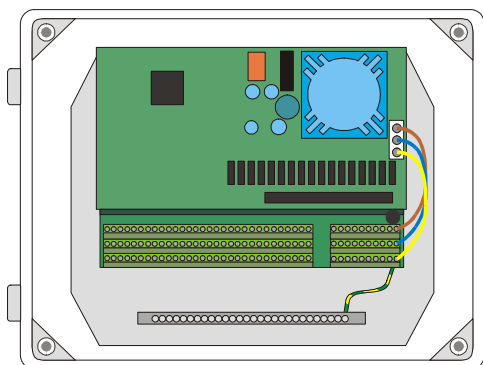


HOTRACO HELPS



CAN-IO-20-33

CAN-IO-Module

Hotraco Agri BV

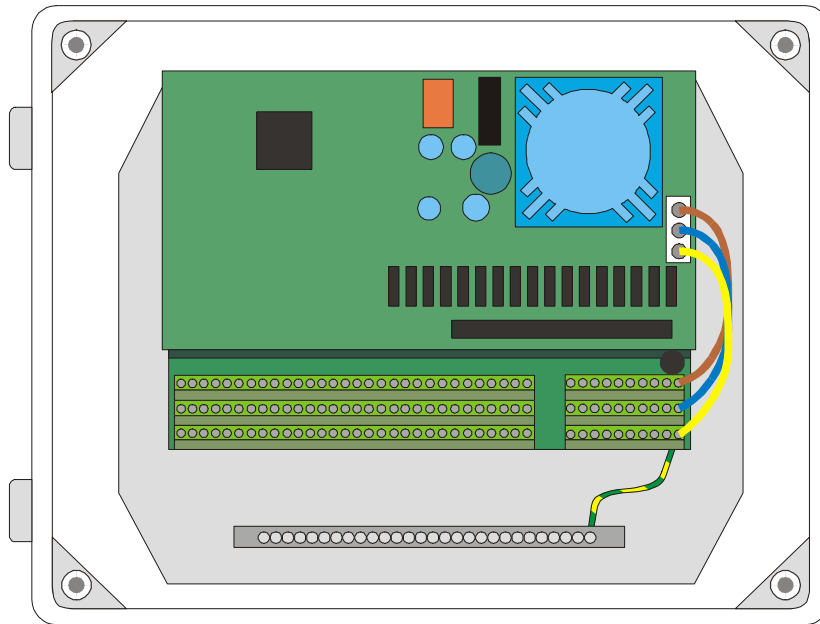
Stationsstraat 142, NL - 5963 AC Hegelsom, P.O. Box 6086, 5960 AB Horst, The Netherlands
Tel: +31 (0)77 3275020 Fax: +31 (0)77 3275021 Internet: www.hotraco.com

CAN-IO-20-33

CAN-IO module





General

The CAN-IO-20-33 can be applied as an extra expansion module to increase the numbers of in- and outputs on an Orion computer. Therefore 20 inputs and 33 outputs can be added to the Orion computer. The maximum number of CAN-IO-20-33's, and in which way these in- and outputs are assigned, depends on the Orion computer.



12 Analogue Inputs

For example:




- RH 
- Wind direction 
- Wind speed 
- Animal weighing 



gr/kg

8 Digital Inputs

For example:

- Water counter 
- Feed counter 
- Egg counter 



INPUTS



OUTPUTS



16 Analogue Output

For example:

- Ventilation 0-10V
- Flap control 0-10V
- Lighting 0-10V

16 Digital Outputs

For example:

- Ventilation 0/1
- Heating 0/1
- Cooling 0/1
- RH 0/1
- Timer 0/1
- Lighting 0/1
- Tunnel 0/1
- Water 0/1

Alarm 

Next CAN-IO module

CAN-Local

Orion

Technical specifications

Electrical

Power supply	: 230 Vac \pm 10% , 50/60 Hz
Power consumption	: max. 25 VA
Fuse	: T 500 mA (dim. 5 x 20 mm)

Analogue inputs (12x)

Temperature sensor	: -40 °C to 100 °C, \pm 0,5 °C
0...5 V	: 0-5 V ($R_i = \infty\Omega$)

Digital inputs (8x)

Counter	: NPN / PNP sensor 12..24 Vdc 8 mA max. 10 Hz
TTM	: NPN / PNP sensor 12..24 Vdc 8 mA max. 100 Hz

Analogue outputs (16x)

0...10 Vdc	: 0-10 V / max. 1 mA
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Digital outputs (16x)

Relay output K1...K16	: 0,5 A, 230 Vac
Alarm relay	: 0,5 A, 24 Vac/dc

Power 24 Vdc

Power	: 24 Vdc / max. 25 mA
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Complies with EC directives

EMC	: 2004 / 108 / EC
Low tension	: 2006 / 95 / EC

Communication

Protocol	: CAN-Local
Maximum length	: 500 meters @ 100 Kbs

Mechanical

Operating temperature range	: 0...40 °C
Dimensions (H x W x D)	: 270 x 345 x 115 mm
Encasing	: IP 54 synthetic
Weight	: approx. 3 kg