

HOTRACO HELPS



CAN-IO-12-6

CAN-IO-module

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General

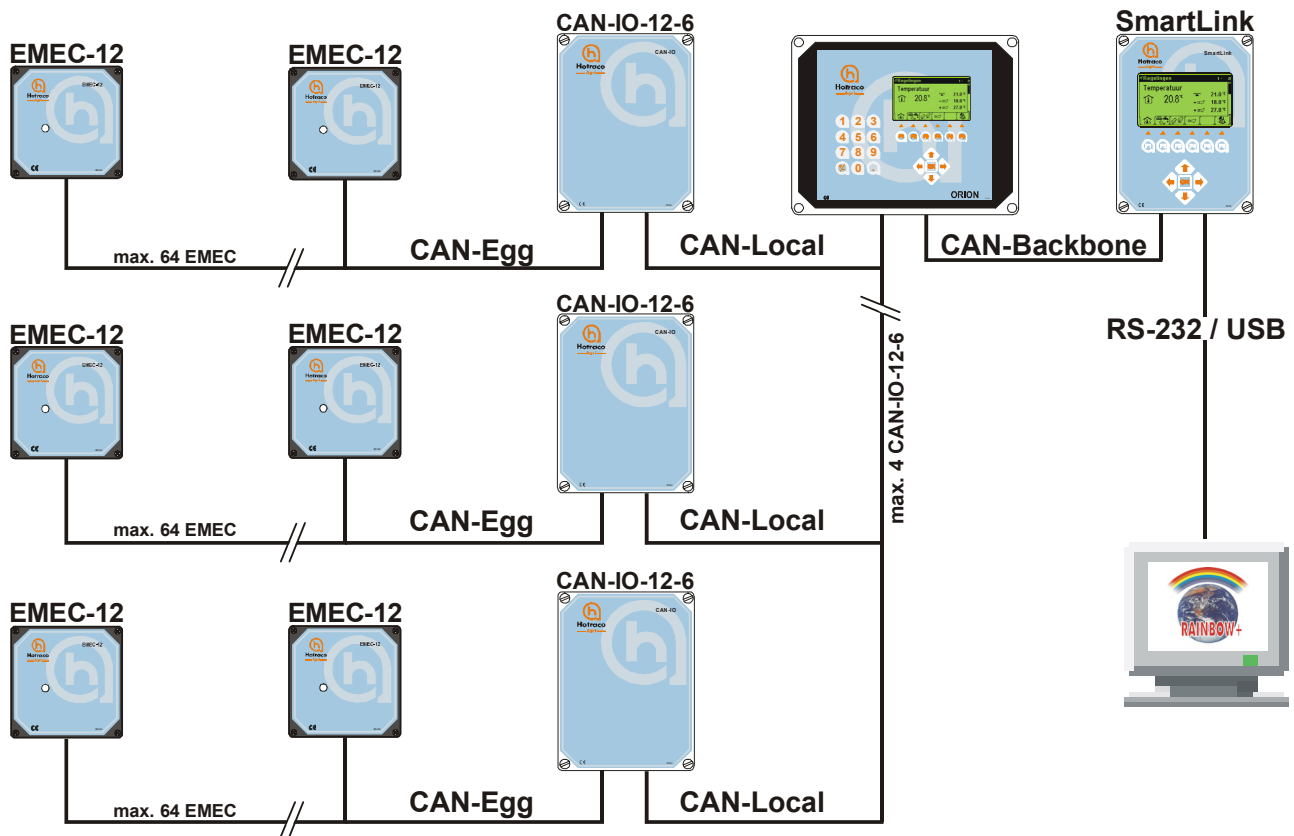
The CAN-IO-12-6 can be applied as an extra expansion module to increase the number of in- and outputs on an Orion computer. Therefore 12 inputs and 6 outputs can be added to the Orion computer. These in- and outputs can be assigned as desired only depending on the Orion type. Multiple CAN-IO-12-6's can be connected by using the CAN-Local to a maximum of 16 pieces.

CAN-IO-12-6 in combination with an ORION-PS / PL / PP for egg counting

- A maximum of 4 CAN-IO-12-6's can be used for egg counting on ORION-PL / PP
- A maximum of 64 EMEC-12's via CAN-Egg to CAN-IO-12-6
- A maximum of 12 EMEC-12's / EMEC-20-75's via the counter inputs to the CAN-IO-12-6

Furthermore the in- and outputs can be used for egg optimization e.g.; lift control, cross belt speed, long belt speed.

EMEC-12 junction (maximum 256)




CAN-IO-12-6




12 Digital Inputs

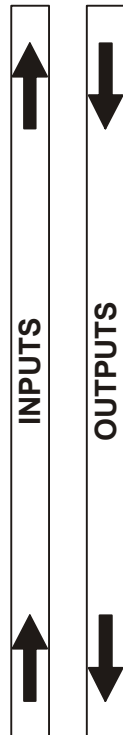
For example:
 Water counter
 Feed counter
 Egg counting



CAN-Egg



Maximum 64 pieces
 EMEC-12's
 via the CAN-Egg



2 Analogue Outputs


For example:


| | |
|------------------|-------|
| Ventilation | 0-10V |
| Flap control | 0-10V |
| Egg optimization | 0-10V |

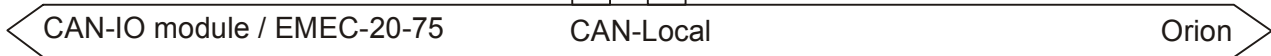
2 Digital Outputs

For example:

| | |
|------------------|-----|
| Ventilation | 0/1 |
| Heating | 0/1 |
| Cooling | 0/1 |
| RH | 0/1 |
| Timer | 0/1 |
| Lighting | 0/1 |
| Tunnel | 0/1 |
| Egg optimization | 0/1 |

Open collector output 

Alarm 



Technical specifications

Electrical

| | |
|-------------------|-------------------------------|
| Power supply | : 230 Vac \pm 10%, 50/60 Hz |
| Power consumption | : max. 10 VA |
| Fuse main current | : T 100mA (dim. 5 x 20 mm) |

Digital inputs (12x)

| | |
|---------|--|
| Counter | : NPN / PNP sensor 12..24 Vdc 8mA max. 10 Hz |
|---------|--|

Analogue outputs (2x)

| | |
|------------|----------------------|
| 0...10 Vdc | : 0-10 V / max. 1 mA |
|------------|----------------------|

Digital outputs (2x)

| | |
|----------------------|--------------------|
| Relay output K1...K2 | : 0,5 A, 24 Vac/dc |
| Alarm relay | : 0,5 A, 24 Vac/dc |

Complies with EC directives

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

Power Supply 24 Vdc

| | |
|--------|----------------------------------|
| Supply | : 24 Vdc / max. 300 mA -30% +10% |
| | : (max. 8x EMEC-12) |

Communication CAN-Local

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

Communication CAN-EGG

| | |
|----------------|-----------------------|
| Protocol | : CAN-EGG |
| Maximum length | : 100 meters @ 100Kbs |

Mechanical

| | |
|-----------------------------|----------------------|
| Operating temperature range | : 0...40 °C |
| Dimensions (H x W x D) | : 220 x 168 x 110 mm |
| Encasing | : IP 54 synthetic |
| Weight | : approx. 2 kg |