

## *digsy*<sup>®</sup> ICN-D32

**Rugged, compact CAN-node-module  
for decentralised control concepts.  
32 configurable I/O's.**

The modular *digsy*<sup>®</sup> **ICN-D** node family features a high I/O-density and an excellent price/performance ratio. It can be used as a part of trendsetting, distributed control concepts in a cockpit as well as in a control cabinet. This decreases the wiring costs dramatically.

### Technical data

#### Configurable inputs

- 8 digital inputs
- 6 analog inputs 0 ... 10 V,  
separately configurable as digital inputs
- 2 analog inputs 0 ... 20 mA
- 4 counter inputs,  
also configurable as digital inputs or as 2x AB-counter

#### Configurable outputs

- 4 digital outputs, max. 1 A,  
separately configurable as digital inputs
- 4 PWM outputs, max. 4 A, separately configurable as  
digital inputs or outputs
- Outputs are protected against short circuit/overload and  
can be connected in parallel
- 2 reference voltage sources, 5 V/7,5 V/8,2 V/10 V
- 2 reference current outputs, 10 mA, max. load 300 Ohm

#### CAN-Bus-interface

- High speed CAN-Bus-interface with CANopen protocol
- Baud rates: 20 kBit/s ... 1 MBit/s
- Integrated CAN-Bus T-connector

#### General

- Operating voltage: 8 ... 32 V
- Operating temperature: -40° C ... +85° C
- Shock and vibration proof
- EMC-proof according to automotive standards
- Environmental protection according to IP30
- Dimensions: 150 mm x 90 mm x 28 mm

### Order codes

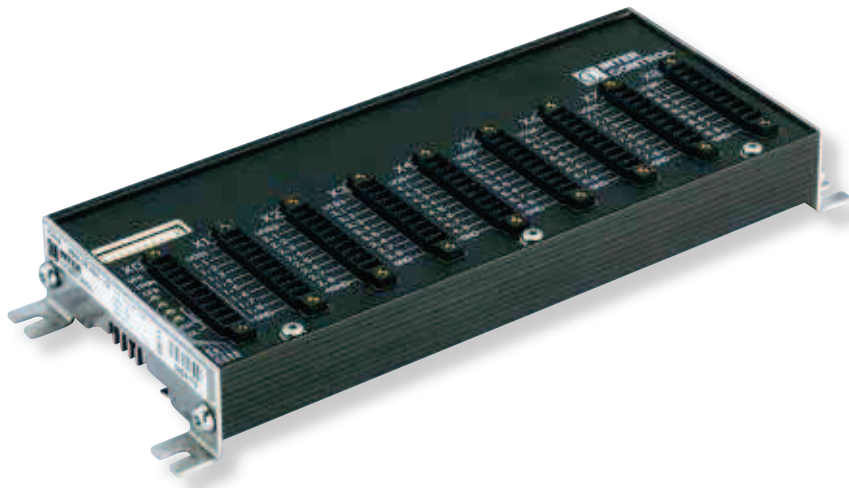
*digsy*<sup>®</sup> **ICN-D32** 4885.59.011

OEM-versions with data pre-processing, preset CAN-Bus-parameters or various CAN-protocols such as J1939, ISOBUS, or even proprietary protocols are available on request.

Customised wiring harnesses can be supplied with short lead times.

Please ask also for *digsy*<sup>®</sup> **ICN-D64**, *digsy*<sup>®</sup> **ICN-V** and other products of the *digsy*<sup>®</sup> **ICN** family.

# *digsy*<sup>®</sup> ICN-D64



**Rugged, compact CAN-node-module for decentralised control concepts.  
64 configurable I/O's.**

The modular *digsy*<sup>®</sup> **ICN-D** node family features a high I/O-density and an excellent price/performance ratio. It can be used as a part of trendsetting, distributed control concepts in a cockpit as well as in a control cabinet. This decreases the wiring costs dramatically.

## Technical data

### Configurable inputs

- 28 digital inputs
- 6 analog inputs 0 ... 10 V,  
separately configurable as digital inputs
- 2 analog inputs 0 ... 20 mA
- 4 counter inputs, also configurable  
as digital inputs or as 2x AB-counter

### Configurable outputs

- 16 digital outputs, max. 1 A,  
separately configurable as digital inputs
- 4 PWM outputs, max. 4 A,  
separately configurable as digital inputs or outputs
- Outputs are protected against short circuit/overload and  
can be connected in parallel
- 2 reference voltage sources, 5 V/7,5 V/8,2 V/10 V
- 2 reference current outputs, 10 mA, max. load 300 Ohm

### CAN-Bus-interface

- High speed CAN-Bus-interface with CANopen protocol
- Baud rates: 20 kBit/s ... 1 MBit/s
- Integrated CAN-Bus T-connector

### General

- Operating voltage: 8 ... 32 V
- Operating temperature: -40° C ... +85° C
- Shock and vibration proof
- EMC-proof according to automotive standards
- Environmental protection according to IP30
- Dimensions: 228 mm x 90 mm x 28 mm

## Order codes

### *digsy*<sup>®</sup> **ICN-D64**

4885.59.001

OEM-versions with data pre-processing, preset CAN-Bus-parameters or various CAN-protocols such as J1939, ISOBUS, or even proprietary protocols are available on request.

Customised wiring harnesses can be supplied with short lead times.

Please ask also for *digsy*<sup>®</sup> **ICN-D32**, *digsy*<sup>®</sup> **ICN-V** and other products of the *digsy*<sup>®</sup> **ICN** family.