



digsy® ICN-D32

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

The modular ***digsy® 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® 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® ICN-D64***, ***digsy® ICN-V*** and other products of the ***digsy® ICN*** family.

Reliable Innovations

digsy[®] ICN-D64



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

The modular *digsy*[®] 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[®] 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.

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