



digsy[®] ICN-R

digsy[®] ICN-R is a rugged CAN-node family with various I/O-configurations to be used in all kind of mobile applications.

All members of the **digsy[®] ICN-R** family offer 16 flexibly configurable I/O's which can be accessed by high-quality Deutsch-connectors.

Technical data / Order information

Product	digsy [®] ICN-RI	digsy [®] ICN-RIO	digsy [®] ICN-RDO	digsy [®] ICN-RPO	digsy [®] ICN-RR0
Order code	4405.02.202	4405.02.201	4405.02.205	4405.02.203	4405.02.007
Key feature	Digital inputs	Digital inputs PWM-outputs	Digital outputs	PWM outputs	Ratiometric outputs
Total I / O's	16 / 0	8 / 8	0 / 16	0 / 16	8 / 8
Digital inputs GND- / Plus-switching	16	-	-	-	8
Digital inputs GND- / Plus-switching Counter inputs, 3 kHz	-	8	-	-	-
Counter inputs, 3 kHz	2 (Subset of digital inputs)	-	-	-	-
Analog inputs, 12 bit 0-5 V, 0-10 V, 0-32 V, 0-20 mA	8 (Subset of digital inputs)	4 (Subset of digital inputs)	-	-	-
Digital outputs, 4 A	-	-	14	-	-
Digital outputs, 10 A	-	-	2	2	-
Digital outputs, 4 A PWM, 40-1100 Hz, 4 A PWM-I, 100-700 Hz, 4 A	-	8	-	14	-
Ratiometric outputs, 3 A	-	-	-	-	8
I _{max.} per module	-	26 A	52 A	52 A	40 A
CANbus: 250 kB, 500 kB	CANopen	CANopen	CANopen	CANopen	J1939

General:

- Operating voltage: 8 ... 32 V (Reverse polarity protected)
- Operating temperature: -40° ... +80°C [-40° ... +176°F]
- Shock- and vibration proof
- EMC proof according to automotive standards
- Degree of protection: IP67 (Seal plugs required for unused pins/ports)
- Dimensions: Appr. 97 x 265 x 34 mm (3.8 x 10.43 x 1.34 inch)

Accessories:

- Connector cable, 3 m, Node-ID: 15, Baud rate: 250 kB 4405.03.210
- Connector cable, 3 m, Node-ID: 16, Baud rate: 250 kB 4405.03.211
- CAN-cable, 3 m, loose end 4405.03.212
- CAN-cable, 0,3 m, 2x socket 4405.03.213
- I/O-cable for inputs, 3 m, 2x 3-conductor, loose end 4405.03.214
- I/O-cable for outputs, 3 m, 2x 2-conductor, loose end 4405.03.215
- Seal plug for I/O's and CANbus 4405.03.216
- CAN terminating resistor, 120 Ω 4405.03.217
- I/O-cable for PVE-valves, 3 m 4405.03.218

Inter Control

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