

CANopen unit hipecs CIO module

Hipecs CANopen I/O-Units



The Frenzel + Berg CANopen Units of the hipecs series are general purpose CANopen remote I/O Modules with several I/O configurations which includes digital and analog IO's, PT100/1000 inputs and proportional current outputs. They are especially designed for easily connecting almost all kinds of sensors and actuators to a CANopen-network. There is no necessity of making any program. The hipecs Units have separated power supplies for the system/bus and the I/O's. All I/O's are positive switching and opto-isolated from bus and system supply. The outputs are short-circuit-protected and output overload monitoring is supported. Different baud rates up to 1 Mbit are possible. All modules are suitable for mounting on DIN carrier rail.

CANopen Unit hipecs CIO50

- 2 digital inputs, 2 digital outputs
- PWM & pulse measurement
- Measurements (plastic housing)
(L x W x H) 18 x 94 x 62 mm

CANopen unit hipecs CIO51

- 2 full-bridge drivers
- max. 1 A
- Measurements (plastic housing)
(L x W x H) 18 x 94 x 62 mm

CANopen unit hipecs CIO52

- 4 analog inputs -10 to +10 volts
- Measurements (plastic housing)
(L x W x H) 18 x 94 x 62 mm

CANopen unit hipecs CIO53

- 1 current output (proportional)
- Measurements (plastic housing)
(L x W x H) 18 x 94 x 62 mm

CANopen Unit hipecs CIO55

- 4 analog inputs -10 to +10 volts
- Measurements (plastic housing)
(L x W x H) 18 x 94 x 62 mm

CANopen Unit hipecs CIO56

- up to 4 PT100/PT1000 inputs
- Measurements (plastic housing)
(L x W x H) 18 x 94 x 62 mm

CANopen Unit hipecs CIO57

- 4 analog input 0/4..20 mA
- Measurements (plastic housing)
(L x W x H) 18 x 94 x 62 mm

CANopen Unit hipecs CIO58

- 2 analog output 4..20 mA
- Measurements (plastic housing)
(L x W x H) 18 x 94 x 62 mm

CANopen Unit hipecs CIO59

- 2/2 analog input/output
- Measurements (plastic housing)
(L x W x H) 18 x 94 x 62 mm

CANopen Unit hipecs CIO60

- 2 analog output 0..20 mA
- Measurements (plastic housing)
(L x W x H) 18 x 94 x 62 mm

CANopen unit hipecs CIO100

- 16 digital inputs, 16 digital outputs
- Measurements (plastic housing)
(L x W x H) 54 x 125 x 62 mm

CANopen unit hipecs CIO101

- 8 relays, 240 VAC rated switching voltage, 5A
- Measurements (plastic housing)
(L x W x H) 54 x 125 x 62 mm

CANopen unit hipecs CIO102

- 16 digital inputs, 16 digital outputs
- Measurements (plastic housing)
(L x W x H) 54 x 125 x 62 mm

CANopen unit hipecs CIO150

- 8 analog inputs, 4 analog outputs
- Measurements (plastic housing)
(L x W x H) 54 x 125 x 62 mm

CANopen unit hipecs CIO151

- 8 analog inputs, 8 analog outputs

- Measurements (plastic housing)
(L x W x H) 54 x125 x 62 mm

CANopen unit hipecs CIO160

- up to 12 PT100/1000 inputs in 2 wire measurement
- or 6 PT100/1000 inputs in 3 wire measurement
- or 4 PT100/1000 inputs in 4 wire measurement
- Measurements (plastic housing)
(L x W x H) 54 x 125 x 62 mm

CANopen unit hipecs CIO180

- 8 digital inputs, 8 digital outputs
- 4 analog inputs, 2 analog outputs
- Measurements (plastic housing)
(L x W x H) 54 x 125 x 62 mm

CANopen unit hipecs CIO200

- 32 digital inputs, 32 digital outputs
- Measurements (plastic housing)
(L x W x H) 54 x 125 x 62 mm

Contact

□

frenzel + berg electronic GmbH & Co. KG

Turmstraße 4
DE-89073 Ulm

Email: info@frenzel-berg.de
Phone: +49-731-97057-0
Fax: +49-731-97057-39
Web: <http://www.frenzel-berg.de>

Sales contact

Erich Frenzel

Phone: +49-731-97057-24
Fax: +49-731-97057-39
Email: info@frenzel-berg.de

Technical contact

Stefan Berg

Phone: +49-731-97057-21
Fax: +49-731-97057-39
Email: info@frenzel-berg.de

Features

NMT	NMT slave
Error control	Node guarding Life guarding Heartbeat producer Heartbeat consumer: 4 message(s)
Boot-up	Yes
Node ID range	From 1 to 127
Node ID	Hardware switch Software switch
CANopen bit-rates	10 kbit/s 20 kbit/s 50 kbit/s 125 kbit/s 250 kbit/s 500 kbit/s 800 kbit/s 1 000 kbit/s
Type of bit-rate adjustment	Hardware switch (local interface) Software switch
RPDOs	4
TPDOs	

	4
PDO modes	Event-triggered Triggered by event-timer Remotely-requested Synchronous (cyclic) Synchronous (acyclic) Synchronous (cyclic) coupled to sync counter start value
PDO linking	Yes
PDO mapping	Dynamic
SDO server	1
SDO client	No
Emergency producer	Yes
Emergency consumer	No
Sync producer	No
Sync counter	No
Time stamp	No
Additional functions	None
CANopen version	CiA 301 V 4.1
Frameworks	None
Device profiles	CiA 401: CANopen device profile for generic I/O modules
Certified	No
Availability	In stock