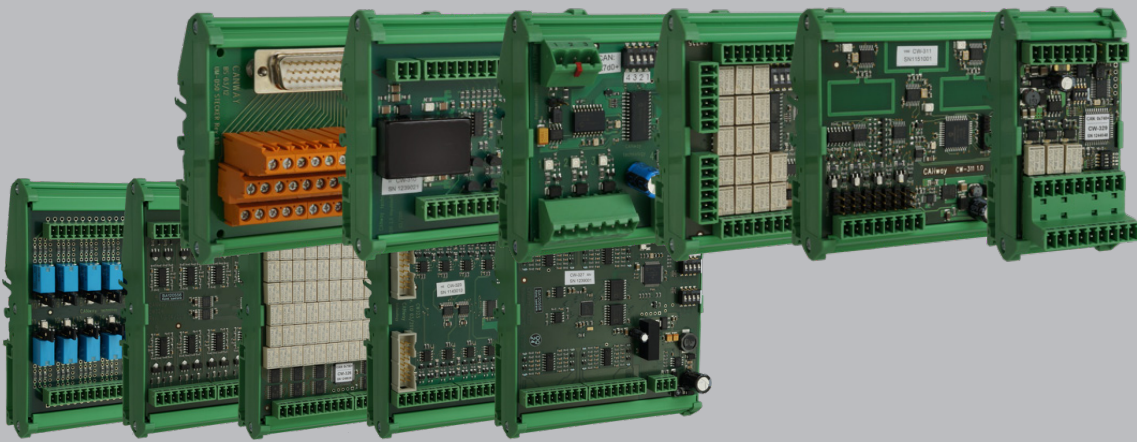


CW-300 Series

POWERFUL ELECTRONICS FOR TEST BENCHES AND AUTOMATION




















The CW-300 series is a modular platform for test and automation purposes, e. g. in HiL test benches. With A/D- and D/A-converters as well as current sinks and current measurement, the devices address the processing of analog signals. This category also contains signal relays, signal multiplexers and a failure injection unit. Another focus is bus-specific equipment, particularly with a signal multiplexer designed for CAN and FlexRay®. All devices are controlled over CAN bus using a uniform protocol for easy integration in any application. For connecting the CW-300 series to PCs, CANWAY recommends the CW-101 CAN-USB-Interface or the CW-102 CAN-Ethernet-Interface.

A major benefit of the CW-300 series is its modularity and scalability. The devices are designed in a 45 mm DIN hat rail housing, so new test structures are quickly assembled, just as existing test stands are easy to extend. Because the external interface is CAN-based, the devices can be mounted close to the device under test while keeping wiring effort small. This ensures low EMI and excellent signal integrity. The series' hardware concept provides a high degree of flexibility and is perfectly suited for applications with fast-changing requirements.

FEATURES

- Wide product range for a variety of applications
- Extensible and scalable
- Control and data exchange over CAN bus
- Uniform CAN protocol for control and configuration
- USB and Ethernet interfaces available from the CW-100 series
- Easy to install due to DIN hat rail housing
- Mountable close to the DUT for best performance
- Adaptation to custom requirements on request

	Name	Specification	Interface
	CW-310 Wheel speed signal conditioner	8 Channels 4 x Current Sink, 4 x Current Source	Analog
	CW-311 Wheel Speed and Unit Simulation	4 Channel Simulation of Wheel Speed and Wheel Unit	CAN
	CW-321 Power relay controller	6 Channels for Power Relay 12 VDC / 70 A or 24 VDC / 30 A	CAN
	CW-322 20-Channel Signalrelay	20 Channels < 2 A / 48 VDC	CAN
	CW-323 D/A-Converter	16 Channels 0 to 5 VDC / 12 Bit per Channel	CAN
	CW-324 Current Sink	16 Channels 0 to 22,5 mA / 12 Bit per Channel	CAN
	CW-325 Bus- and Signalmultiplexer	5 Busses or Signal Pairs switchable CAN, LIN, FlexRay®, ETH	CAN
	CW-326 Failure Injection Unit	20 Signals or 10 Busses 40 VDC / 1 A	CAN
	CW-326B Failure Injection Unit Place Holder	20 Signals or 10 Busses	-
	CW-327 A/D-Converter	16 Channels 0 to 40 VDC configurable / 16 Bit per Channel	CAN
	CW-328 Current Measurement	8 Channels ±5.8 A / 500 Hz	CAN
	CW-329 3-Channel Signalrelay	3 Channels < 1 A / 48 VDC	CAN, Analog
	CW-350/351 DSP-Filter Unit	16 Channels Customizable Signal Manipulation and Filter	CAN, Analog
	CW-390 Electronic High Power Relay	1 Channel 46 VDC / max. 70 A	Analog
	CW-391 Electronic High Power Relay	1 Channel 46 VDC / max. 140 A	Analog
	CW-392 Electronic High Power Relay	1 Channel 46 VDC / max. 140 A Integrated Current Measurement	CAN, Analog
	UM-D50 D-Sub Interface	50 pol. D-Sub to Clamps	-