UNIGATE® CL

Protocol Converter for DINrail

Norm compliant
Certified
Configurable
Programmable

Eplan macro available
Ready-to-use
Designed and manufactured in Germany



Data sheet

CANopen Protocol Converter

Complete CANopen slave interface

CANopen master functionality (via script)

CAN layer 2 (11bit and 29bit identifier) (via script)

Baud rate 10 kbit/s bis 1 Mbit/s (125 kbit/s until 1 Mbit/s adjustable)

CANopen version 4.02 supported

Isolated CANopen interface with 9-pin. D-Sub-connector

Generic EDS file (by configuration)

Up to 32 TPDO and 32 RPDO

Up to 255 Bytes input- and 255 Bytes output data

RS232/RS485/RS422 up to 625 kBaud

Technical Data

Dimensions (WxDxH in mm)	23 x 117 x 111 (screw-plug-connector included) 23 x 117 x 100 (screw-plug-connector not included)
Weight	approx. 123 g
Protection class	IP20
Housing material	Polyamid
Mounting	DINrail (EN 50022)
Voltage supply	10 up to 33 Volt DC Protection against incorrect polarity, short circuit and overload integrated
Current consumption (at +24V/DC)	typ. 50mA, max. 60mA
Operating temperature	-40°C (not condensing) up to +85°C
Storage/transport temperate	-40°C ... +85°C
Fieldbus Function	All specified CANopen Slave functions
Technology	ASIC
Certifications	CE
Galvanic division	Standard on the bus side
Options	Galvanic division for the application side

Order data

Order designation	Description	Order number
UNIGATE CL-C4	DIN-rail module with seral interface - RS232, 422 and 485 on-board - to CANopen. Additional Debug-interface, Housing: sky blue RAL 5015	V3554
UNIGATE CL-GT-C4	DIN-rail module with seral interface - RS232, 422 and 485 on-board - to CANopen. Additional Debug-interface, Housing: sky blue RAL 5015. Additional galvanic separation RS-side (RS-Interface)	V3708
Optional	Neutral version	on request
Optional	Customized design	on request
	Note: Further variants can be found in the brochure and the price list.	