UNIGATE® CL

Protocol Converter for DINrail

Norm compliant
Certified
Configurable
Programmable
Eplan macro available
Ready-to-use
Designed and manufactured in Germany



Data sheet

Complete PROFIBUS-DP-Slave interface

Automatical Baud rate recognition (9600 bit/s - 12 Mbit/s)

DPV0 and DPV1 supported

Isolated PROFIBUS interface with 9-pin. D-sub connector

PROFIBUS address adjustable via rotary switch

Up to 244 Bytes input- and 244 Bytes ouput data (total data length 488 Bytes)

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)
Power supply	10 up to 33 Volt DC Protection against incorrect polarity, short circuit and overload integrated
Current consumption (at +24V/DC)	typ. 70mA, max. 80mA
Operating temperature	-40°C (non condensing) up to +85°C
Storage-/transport temperature	-40°C ... +85°C
Fieldbus functions	All specified PROFIBUS DP Slave functions
Technology	ASIC
Certifications	PROFIBUS, CE
Galvanic division	Optional for the serial side, standard on the bus side
Options	Galvanic division for the application side

Order data

Order designation	Description	Order number
UNIGATE CL-PBDPV1	DIN-rail module with seral interface - RS232, 422 and 485 on-board - to PROFIBUS. Additional Debug-interface, Housing: sky blue RAL 5015	V3553
UNIGATE CL-GT-PBDPV1	DIN-rail module with seral interface - RS232, 422 and 485 on-board - to PROFIBUS. Additional Debug-interface, Housing: sky blue RAL 5015. Additional galvanic separation RS-side (RS-Interface)	V3649
Optional	Neutral version	on request
Optional	Customized design	on request
	Note: Further variants can be found in the brochure and the price list.	