DATASHEET

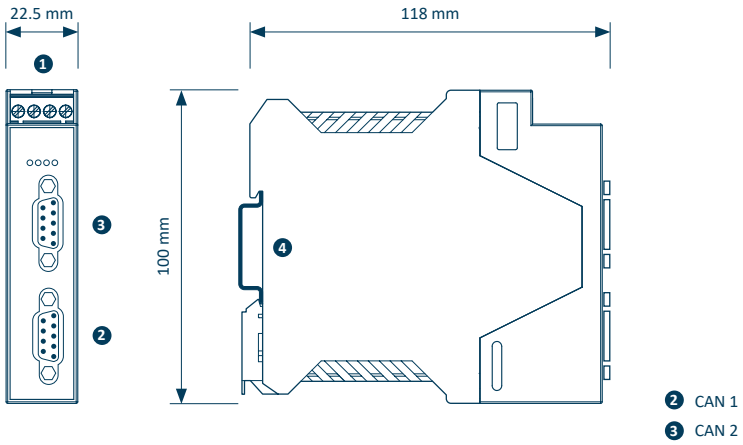
CAN-CR200

Repeater for CAN and CAN-based higher layer protocols featuring two D-Sub 9 CAN connectors and a DIN-rail backbone bus.

FEATURES AND BENEFITS

- Backbone bus enables easy line up and connection of repeaters to increase number of ports
- Cost savings due to simpler wiring
- Increases system reliability
- Galvanic protection up to 1 kV

TECHNICAL DRAWING



PRODUCT IMAGE

PIN ALLOCATION

POWER CONNECTOR 1

1	+9 V to +32 V DC
2	0 V
3	-
4	-

CAN CONNECTOR D-Sub 9 2 3

Pin no.	Signal
2	CAN-Low
3	CAN-GND
7	CAN-High

4 Backbone bus see manual

DATA / ORDER NO.	1.01.0067.44010
Display	Transmit and defective segment (three duo LEDs), Power (one LED)
CAN bus termination resistors	120 Ohm switchable via DIP switch
CAN bus interface	ISO 11898-2 with CAN choke. Two D-Sub 9 connectors and one backbone bus.
CAN bit rates	Up to 1 Mbit/s
CAN transceiver	Texas Instruments SN65HVD251
Galvanic isolation	1 kV DC/1 sec, 500 V AC/1 min CAN 1, CAN 2 and backbone bus galvanically isolated against each other
CAN propagation delay (typical)	200 ns (corresponds ~40 m (~120ft.) bus length)
Power supply	9-32 V DC, 1.5 W typ., through terminals
Current consumption at 24 V	Typ. 41 mA, max. 100 mA
Operating temperature	-20 ºC ... +70 ºC

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DATA / ORDER NO.	1.01.0067.44010
Storage temperature	-40 °C to + 85 °C
Weight	Approx. 300 g
Housing material	Polyamid
Protection class	IP30
Relative humidity	10 to 95 %, non-condensing
Dimensions	22.5 x 100 x 118 mm
Certification	CE, FCC

CERTIFICATIONS
CE FC

ACCESSORIES	ORDER NO.
T bus connector	1.04.0073.00000
CAN cable	1.04.0076.00180
Y CAN cable	1.04.0076.00001

About HMS Networks

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