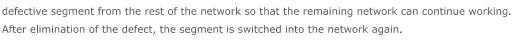# Ixxat®
BY HMS NETWORKS

CAN-CR200

**Modular ISO 11898-2 CAN repeater
with backbone bus**

The CAN-CR200 is used for the galvanic isolation of two segments of a CAN network and for creating star or tree topologies. Several CAN-CR200 can be connected to a CAN-hub via the integrated backbone bus. One special feature of the Repeater is the automatic recognition and separation of a defective segment from the rest of the network so that the remaining network can continue working. After elimination of the defect, the segment is switched into the network again.

The galvanic isolation isolates the CAN segments from each other as well as from the power supply.

FEATURES AND BENEFITS

- DIN-Rail backbone bus to line up and connect the devices easily
- Cost savings due to simple wiring
- Increased system reliability
- Almost no influence on real-time behavior

CONTENTS OF DELIVERY

- CAN-CR200
- Quick reference

ACCESSORIES (NOT INCLUDED)

- T bus connector for creating star / tree topologies

TECHNICAL SPECIFICATIONS

Display	Transmit and defective segment (three duo LEDs), Power (one LED)
CAN bus interface	ISO 11898-2 with CAN choke. Two Sub-D9 connectors and one backbone bus. CAN termination resistors are integrated (switchable).
Baudrate	Up to 1 Mbit/s
Delay	200 ns (corresponds ~40 m (~120ft.) bus length)
Power supply	9-32 V DC, 1.5 W typ., through terminals
Galvanic isolation	1 kV, 1 sec.; CAN 1, CAN 2 and backbone bus are galvanic isolated against each other.
Certification	CE, FCC
Temperature range	-20 ºC ... +70 ºC

Housing, size	Plastic enclosure, 22.5 x 100 x 115 mm

File	Version	Size	Read online

Order number

1.01.0067.44010	CAN-CR200
1.04.0073.00000	T bus connector