CAN-CR200

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.

Technical Data

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 Delay	Up to 888 kbps 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.
Temperature range	-20 ºC ... +70 ºC
Housing, size	Plastic enclosure, 22.5 x 100 x 115 mm

Order number

1.01.0067.44010	CAN-CR200
1.04.0073.00000	T bus connector