

CAN-Repeater CR-01 quick reference

Features

The CAN-Repeater CR-01 combines a high speed signal regeneration and transmission with an optical isolation of the CAN bus to avoid signal errors based on ground level shifting. Two LEDs are flashing green while transmitting, one for each direction. The device is supplied by 24VDC, the auxiliary voltage for the isolated part is generated by a DC/DC Converter.

Technical Data

Power supply	9 ... 30 VDC
Current consumption	0,2 A
Propagation delay time	max. 200 ns
Operating temperature range	-40 ... 85 °C
Dimensions (L×W×H)	111 × 75 × 89 mm
Weight	0,17 kg



Pin assignment

1	SHLD	Do not connect!
2	+24 VDC	Supply +24 V (+)
3	0 V	Supply 0 V (-)
4	CANL	Single CAN device (L)
5	CANH	Single CAN device (H)
6	(CANL)	Isolated CAN node (L)
7	(CANH)	Isolated CAN node (H)
8	(GND)	Isolated CAN node (GND)