

## CANtrx-Transceiver



- 1 CAN-Interface, optionally 2. CAN-Interface possible
- 1 stop-function / current 5 A / short-circuit protected
- "Listen before talk" technology with automatic frequency management for higher operational safety or frequency-hopping for USA and Canada
- Several systems can be operated at the same time without disturbing each other
- up to 2 M12 connectors

### Options:

- 5 additional outputs / current 2 A / short-circuit protected
- Interfaces RS232, RS485 and TTY

## General technical data

Temperature range	–30° to +80°C
Type of protection	IP 65 (higher on request)
Housing	aluminum profile with PA end caps
Interface	CAN-Bus
Protocol	compatible with CAN-specification 2.0B, ISO 11898-1, CANopen, CANKingdom, J1939
Data rate	up to 1 Mbit/s
Other interfaces	RS 232, RS 485, TTY
Technology	transceiver (bidirectional, half-duplex)
Frequency	433.075–434.775 MHz (69 channels) / Europe / 902–928 MHz / USA & Canada
Output Power	adjustable up to 10 mW
Modulation	FSK
Transmission method	TDMA (Time Division Multiple Access) for Europe Frequency hopping for USA and CANADA
Distance	approx. 300 meters / 1000 feet (depending on environment)
Supply voltage	6..36 V DC
Power consumption	80 mA @ 12 V DC
Weight	170 g without antenna and cable
Size	7.5 × 6.0 × 2.1 cm / 3.0 × 2.4 × 0.8 inch (length x width x height)

Technical data is subject to change without notice