

CANtop-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 connector
- Easy mounting of the receiver housing by snapping into the DIN top hat rail

General technical data

Temperature range	-30° to +80°C
Type of protection	IP 00
Housing	top-hat rail housing made of PA
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, Modbus
Technology	transceiver (bidirectional, half-duplex)
Frequency	433.075–434.775 MHz (69 channels) / Europe / 902–928Mz / 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	102 g without antenna and cable
Size	11.4 × 10.0 × 2.3 cm 4.4 × 3.9 × 0.9 inch (length x width x height)