

Data converter RS2CAN

Input interface / protocol
RS-485 Modbus



Output interface / protocol
CAN (SAE j1939/71)

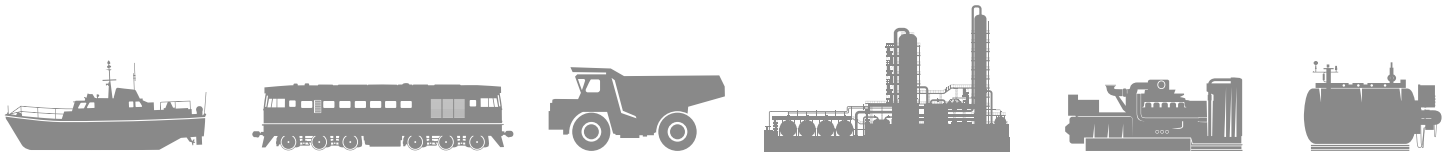
Data converter CAN2RS

Input interface / protocol
CAN (SAE j1939/71)



Output interface / protocol
RS-485 Modbus

MasterCAN RS2CAN and CAN2RS converters are consolidating Modbus data from RS-485 interface and CAN j1939/S6 Telematics interface into a single telematics network. Converts 100 parameters from/to Modbus.



Data converters are used in complex machinery telematics systems – for vehicles, stationary equipment, power generators, industrial machinery

Features

- ✓ User can select input and output data (CAN messages to Modbus registers).
- ✓ Configuration of CAN and RS-485 interfaces' baud rate.
- ✓ Automatic CAN j1939/71 scanning and parsing.
- ✓ MasterCAN CAN2RS can be operated in active (sending requests) and in sniffer modes within CAN interface.

Specifications

Supply voltage	10 ... 45 V
Current consumption (24 V / 12 V)	50/100 mA
Ambient temperature	-40 ... +85 °C
MasterCAN RS2CAN, control mode in RS-485	Master
MasterCAN CAN2RS, control mode in RS-485	Slave

MasterCAN RS2CAN interfaces

Input – RS-485, protocol Modbus RTU
Output – CAN 2.0, protocol j1939 + S6

MasterCAN CAN2RS interfaces

Input – CAN 2.0, protocol j1939 + S6
Output – RS-485, protocol Modbus RTU