

Rottweil, 08.12.2021

## CAN I/O PLC LHS (1.129.3xx.xxE)

The compact CAN I/O controller in the lowside and highside version offers four additional lowside outputs in addition to the standard four highside outputs. The perfect solution for controlling mass-controlled actuators and motor bridges.

### Product images

#### 1. CAN I/O PLC LHS





MRS Electronic GmbH & Co. KG  
Klaus-Gutsch-Str. 7  
78628 Rottweil  
info@mrs-electronic.com  
Tel.: +49 741 2807-0  
www.mrs-electronic.com

## General data

Name	Value
Weight	75 g
Dimensions	60 × 60 × 30 mm
Housing material	Plastic
Connector type	Molex Mini Fit Junior
In-/Outputs (total)	14
Operating voltage	9-30 V
Protection class	IP53
Type-approval number	068369
Type-approval	E1 - UN/ECE-R10
Protocols	CAN Interface 2.0 A/B ISO 11898-2, SAE J1939

## Technical Data

Name	Value
Number of pins	22
In-/Outputs (total)	14
I/Os	8
Inputs (total)	14
Inputs (digital)	14
Inputs (analog)	6
Outputs (total)	8
Outputs (PWM capable)	2
Outputs (digital)	2
Processor family	Freescale HCS08
Processor	8 bit
CAN interfaces	1
LIN interfaces	1
Temperature range	-40 to 85 °C
Protection class	IP53
Operating voltage	9-30 V
Switch-on voltage	8 V
Overload protection ( $\geq$ )	33 V
Current consumption	30 mA
Quiescent current (24V)	200 $\mu$ A
Quiescent current (12V)	150 $\mu$ A
Programming system	MRS Developers Studio
Outputs lowside	4



MRS Electronic GmbH & Co. KG  
Klaus-Gutsch-Str. 7  
78628 Rottweil  
info@mrs-electronic.com  
Tel.: +49 741 2807-0  
www.mrs-electronic.com

## Order options

Name	Model	Order no.
CAN I/O PLC LHS 5 V Ref	5 Vref	1.129.300.00E
CAN I/O PLC LHS 2x Freq-IN	2x Freq-IN	1.129.301.0001E
CAN I/O PLC LHS + LIN	CAN and LIN Bus	1.129.312.0001E
CANI I/O SPS LHS + LIN (Master) + 2xFreq In	CAN and LIN Bus (M) and 2x Freq In	1.129.322.0001E

## Accessories

Required accessories	Article number
Softwaretool MRS Developers Studio Bundle	1.100.100.09
Cable set to programm CAN I/O / RS485 Gateway / RS232 Gateway / CAN I/O PLC LHS	106817
Connector Kit for CAN I/O Module / RS485 Gateway / RS232 Gateway / CAN I/O PLC LHS	106940
PCAN-USB Interface	105358