



CAN Isolator





Technical Data

Construction	Plastic housing (PA66 GF30)
Mounting	Relay socket
Connector	Socket Terminal 6.3 mm Socket Terminal 2.8 mm
Housing Dimensions	40 x 30 x 30 mm
Weight	27 g
Ambient Temperature	- 40°C bis 85°C
Protection Class	IP 53
Operating Voltage U_B	9 - 30 V DC Protection against reverse polarity and electrical transients.
Current Consumption	<1mA

Interfaces

CAN-bus

According to ISO 11898-2	High-speed
According to CAN 2.0A	11-bit standard address identifier
According to CAN 2.0B	29-bit extended address identifier
Baud Rate	10-kBit/s – 1000-kBit/s

Technical Examination

EMV	In progress
E1 Approval Number:	In progress

Application

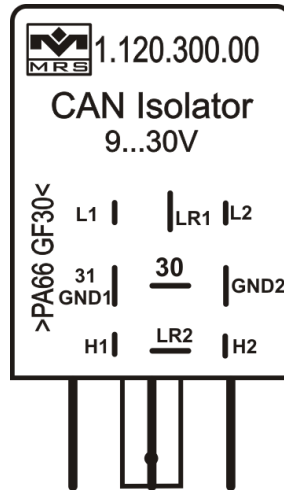
High speed CAN connection between isolated electronic control units.

Connection Assignments DT04-4P

Pin	Pin Designation	Pin Description
1	L2	CAN-L2
2	LR1	CAN-L1 120Ohm
3	L1	CAN-L1
4	GND2	Ground GND2
5	KL30	Supply voltage
6	KL31/GND1	Ground GND1
7	H2	CAN-H2
8	LR2	CAN-L2 120Ohm
9	H1	CAN-H1



Design



Ordering Information

Designation	Type	Housing	Order Number
CAN Isolator		G2	1.120.300.00

Accessories

Designation	Order Number
Socket	1.017.002.00
FASTON Terminal® 6.3 mm 1.5-2.5 mm ²	103064
FASTON Terminal® 6.3 mm 1.0 mm ²	102355
FASTON Terminal® 2.8 mm 0.5-1.0 mm ²	105292