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M2600 ECO CAN PLC (1.261.300.00E)

The compact M2600 ECO CAN PLC is a high-performance control with a high functionality in a robust V2A half-shell. The MRS-Controller has eight current-controlled PWM outputs. In addition to the 16-bit main microcontroller, the special feature is the second additionally integrated microcontroller (8-bit processor) with a useful watchdog function. Due to the two CAN-Bus interfaces, a gateway function is possible in addition to the typical control function. Optionally, even a third CAN-Bus interface can be used for further functions.

Due to the large number of I/O and their high flexibility, the M2600 ECO CAN PLC allows you to use them across all sectors.

Product images

1. Group



4. Side



2. Front



5. Plug



3. Rear



6. Angled





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General data

Name	Value
Dimensions	150 × 110 × 45 mm
Housing material	V2A Halbschale
Connector type	Tyco JPT
In-/Outputs (total)	26
Operating voltage	9-30 V
Protection class	IP65
Type-approval number	05 7279
Type-approval	E1 - ECE R10
Protocols	CAN Interface 2.0 A/B ISO 11898-2, SAE J1939

Technical data

Name	Value
Number of pins	42
In-/Outputs (total)	26
Inputs (total)	14
Inputs (digital)	6
Inputs (analog)	8
Outputs (total)	12
Outputs (PWM capable, integrated current measurement INA)	8
Outputs (digital)	4
Processor family	Freescale HCS12
Processor	16 bit
CAN interfaces	2
RS232 interfaces	1
RS485 Interfaces	1
Temperature range	-40 to 85 °C
Protection class	IP65
Operating voltage	9-30 V
Current consumption	3 mA
External overcurrent protection	30 A
Quiescent current (24V)	30 mA
Quiescent current (12V)	3 mA
Programming system	MRS Developers Studio

Order options



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Name	Model	Order no.
M2600 ECO CAN PLC	2x CAN High-Speed, RS232	1.261.300.00E
M2600 ECO CAN PLC	3x CAN High-Speed	1.261.303.00E

Accessories

Required accessories	Article number
Softwaretool MRS Developers Studio Bundle	1.100.100.09
Starter Kit - M2600 ECO CAN PLC	1.100.110.27
Cable set to program M2600 ECO CAN PLC	108890
Connector package for M2600 ECO CAN PLC	108888
PCAN-USB Interface	105358
Cable FLRY 2 x 0.50 mm ² white/green SL20	113085