EPEC 5050 CONTROL UNIT
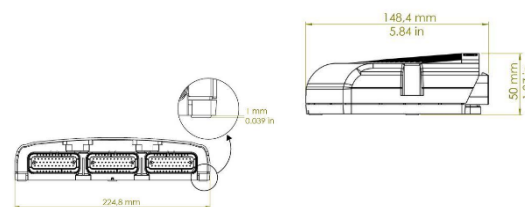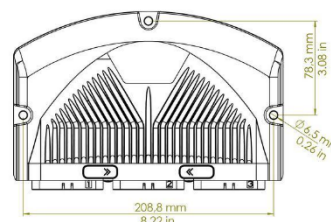
Epec 5050 Control Unit is ideal for applications that require plenty of I/O and enhanced algorithms. Epec 5050 control unit has also a large memory and its I/O is widely programmable. For example, PI pins' threshold voltage can be selected and many inputs have pull-up/pull-down selection.

The unit's sleek shaped casing works to protect the electronics against mechanical wear. The leak-proof aluminum/plastic housing has also been widely tested against different environmental conditions. The unit is equipped with a signal LED for diagnostics. One CAN is also equipped with double pins to make cabling easier since there is no need for branches in the wire harness.

TECHNICAL FEATURES

Processor: 32 bit CPU

Flash memory: 8 Mbyte

RAM: 4 or 8 Mbyte

PLCopen application size: 1 or 3 MByte

CAN: 4

Ethernet: 1

I/O: 65 (33 inputs + 32 outputs)

IP class: IP67

Temperature range: -40 ... + 85 °C -40 ... +185 °F

Connectors: 3 x AMP 35

CODESYS version: 3.5

Supported CAN protocols: CANopen, SAEJ1939, ISOBUS

Two-colored diagnostic LED for quick status check and fault detection

APPROVALS

Symbol / Name	Explanation
CE	This product complies with the requirements set in the CE Standard.
E17	This product is certified with normal automotive (E17) EMC (electromagnetic compatibility) standards.
RoHS2	This product complies with the RoHS directive (The Restriction of the use of certain Hazardous Substances in Electrical and Electronic Equipment).

VARIANTS & MANUALS

Ordering code	E30D5050-02	E30D5050-82
Technical Manual ID	MAN000623	MAN000623
CAN	4	4
Ethernet	1	1
5 V REF	2	2
PWM / DO / DI / CM	28	28
DI / DO_GND	4	4
DI / PI	22	22
AI / DI	11	11
PLCopen application size	1 MByte	3 MByte
CODESYS version	3.5	3.5

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