EPEC 4602 CONTROL UNIT

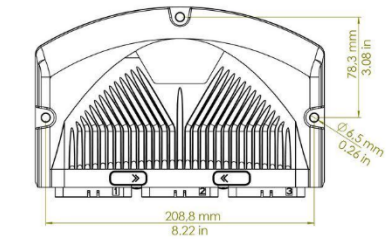
ONE PAGER 4602

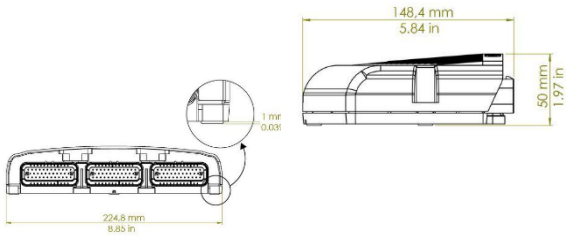
Epec 4602 Control Unit has a wide range of programmable I/Os for different implementations. Epec 4602 can control 10 hydraulic blocks simultaneously by using 20 PWM outputs and 10 feedbacks. It can be used as a stand-alone controller or as part of decentralized control system.

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: 16/32 bit CPU
- Flash memory: 1,6 Mbyte
- RAM: 138 kbyte
- PLCopen application size: up to 768 kbyte
- CAN: 2
- I/O: 68 (44 inputs + 24 outputs)
- IP class: IP67
- Temperature range: -40 ... + 85 °C -40 ... +185 °F
- Connectors: 3 x AMP 35
- CODESYS version: 2.3
- 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	E30B4602-10
Technical Manual ID	MAN000632
CAN	2
5 V REF	2
PWM / DO / DI (sourcing 3 A)	16
PWM / DO / DI (sourcing 4 A)	4
DI / DO_GND	4
FB / AI (2 A)	10
DI/PI (pull-up / pull-down selection, threshold voltage 3,1 V)	12
DI/PI (pull-up / pull-down selection, threshold voltage 2,5 V)	1
DI/PI (pull-up / pull-down selection, threshold voltage 1,25 V)	1
AI/DI (0-37 V)	2
AI/DI (0-5 V / 0-22 mA)	14
AI/DI (0-5 V)	-
AI/DI (0-5 V, pull-up to +5 V, pull-up resistance selection)	4

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