

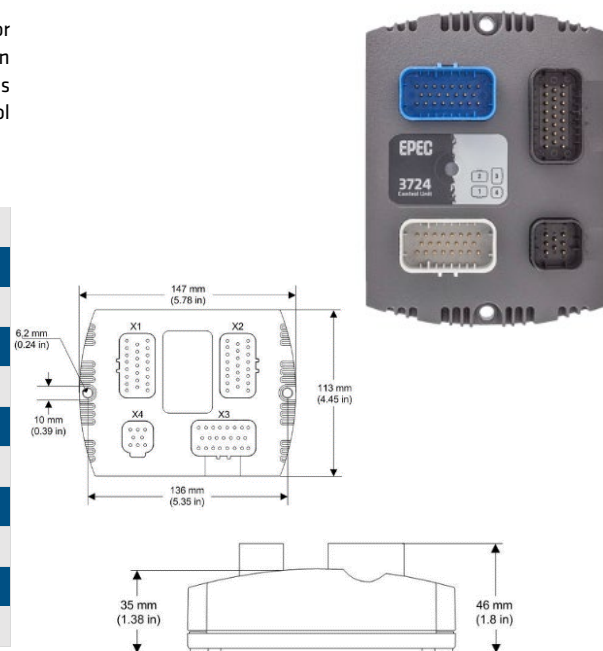
# EPEC 3724 CONTROL UNIT

ONE PAGER 3724

Epec 3724 Control Unit has an optimized number of both input and output pins to be used for numerous roles in the control system. The total number of I/O pins is 52, and the I/O solution is based on the same proven in use combination as in the previous 2024 control unit. This product is our all-time favourite and a real multipurpose controller for distributed control systems.

## TECHNICAL FEATURES

Processor: 16/32 bit CPU
Flash memory: 1,6 Mbyte
RAM: 1024 kByte (external), 138 kByte (internal)
PLCopen application size: up to 768 kbyte
CAN: 2
I/O: 52 (24 inputs + 28 outputs)
IP class: IP67
Temperature range: -40 ... + 85 °C -40 ... +185 °F
Connectors: 3 x AMP 23, 1 x AMP8
CODESYS version: 2.3
Supported CAN protocols: CANopen, SAEJ1939, ISOBUS



## 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).
AEF HW conformance*	This product has passed AEF HW conformance tests

\* Only for ISOBUS product version E30E3724-21

## VARIANTS & MANUALS

Ordering code	E30B3724-21 E30E3724-21 (ISOBUS)	E30B3724-02	E30B3724-03	E30B3724-01
Technical Manual ID	MAN000608 MAN000680 (ISOBUS)	MAN000607	MAN000643	MAN000553
CAN	2	2	2	2
5 V REF	2	2	2	2
12 V REF	2	2	2	2
PWM / DO / DI (pull-down resistor)	24	24	24	24
FB / AI (1 A)	-	4	4	4
FB / AI (2A)	4	-	-	-
AI / DI (0-5 V / 0-22 mA, 2,2 kΩ +5 V / 220 Ω GND)	2	-	4	2
AI / DI (0-5 V / 0-22 mA, 82 kΩ GND / 220 Ω GND)	6	-	4	6
AI / DI (0-5 V / 0-22 mA, 41 kΩ +2,5 V / 220 Ω GND)	-	8	-	-
DI / DO_GND	4	4	4	4
DI / PI (pull-down)	8	8	8	8
DI	4	4	4	4
AUX OUT	1	1	1	1



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