EPEC EC44 AGRI CONTROL UNIT
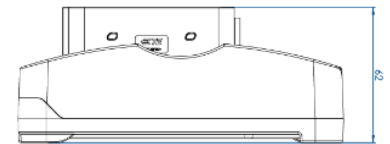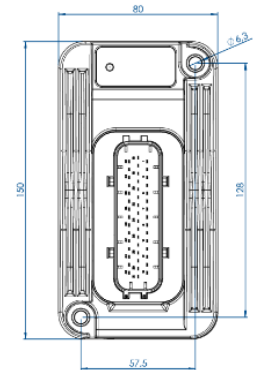
Epec EC44 Agri Control Unit has a powerful 32-bit processor and large internal memory for application and parameters. EC44 Agri Control Unit has 16 inputs and 16 outputs with high-side current measurement, two CAN buses and a status LED. EC44 Agri Control Unit is based on CODESYS3.5 programming and supports Epec PLC libraries, Epec MultiTool and CANmoon tools. EC44 Agri Control Unit has a full aluminum housing with IP69 protection and a lever locking connector designed especially for high vibration environments.

TECHNICAL FEATURES

Processor: 32 bit CPU

Application SRAM: 1 Mbyte

RAM: 512 Kbyte

PLCopen application size: up to 1794 Kbyte

CAN: 2

I/O: 32 (16 inputs + 16 outputs)

IP class: IP69

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

Connectors: 1 x LEAVYSEAL 46 pins

CODESYS version: 3.5

Supported CAN protocols: CANopen, SAEJ1939, ISOBUS

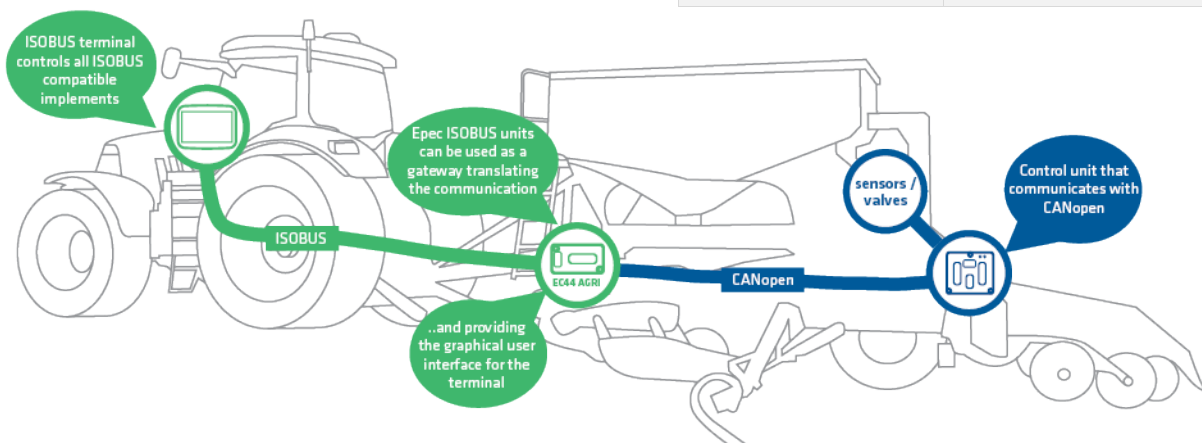RGB diagnostic LED for quick status check and fault detection

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	E30DEC44-020E
Technical Manual ID	MAN000713
CAN	2
5 V / 10 V REF	1
PWM / DO / CM	16
PWM / DO	-
AI / DI	10
AI / DI / PI	6
CODESYS version	3.5 SP13
Coating	Painted

Epec EC44 Agri Control Unit can be used as a gateway between ISOBUS and another communication protocol.

YOUR CHALLENGE, OUR INSPIRATION.

EPEC