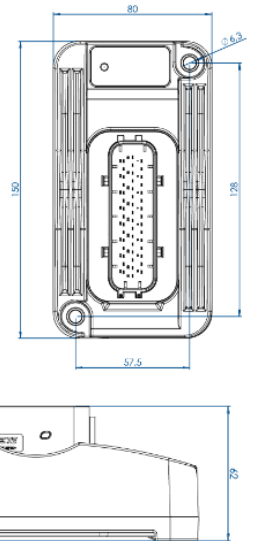# EPEC GC44 RESPONDER UNIT

Epec GC44 is a responder product for centralized control system architectures where one commander unit controls multiple responders. GC44 has 16 inputs and 16 outputs with high-side current measurement, two CAN buses and a status LED. GC44 Responder Unit has a durable housing designed for harsh environment with IP69 protection and a lever locking connector designed especially for high vibration environments.

Epec GC44 Responder Unit offers flexibility for the system design making it easy to scale and update the system and enabling different topologies such as centralized systems and zonal architectures. GC44 supports Epec Software Development Environment for easy set-up.

TECHNICAL FEATURES

Processor: 32 bit CPU
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
Supported CAN protocols: CANopen
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	E30DGC44-021	E30DGC44-022
Technical Manual ID	MAN000789	MAN000790
CAN	2	2
5 V / 10 V REF	1	1
PWM / DO / CM	16	12
PWM / DO	-	4
AI / DI	10	10
AI / DI / PI	6	6
Coating	Painted	Surtec coating

YOUR CHALLENGE, OUR INSPIRATION.

EPEC