

**CARNATION™**  
DESIGNS

A trading brand of Ring

genisys Compact®  
A Carnation Designs product

# Trust Carnation Designs to control your entire fleet

Specify genisys Compact for your cost-conscious car and van conversions.



Carnation Designs has long been at the forefront of ambulance control with the majority of UK A&E fleets choosing genisys to reliably manage their vehicle electronics.

**Compact** is Carnation's entry-level power management solution, suitable for a wide range of low to medium-complexity vehicles such as ambulance RRV & PTS, Police response cars and Welfare vans.

This cost-effective system offers proven genisys control technology in a slimline enclosure. With twenty-eight outputs and 150A (max) operating current, Compact is a single box solution capable of controlling sophisticated vehicle conversions without need for expansion modules and relays. Compact: High capability. Low price.

## Features

- 28 medium and high current outputs (2 x negative), 150A max
- 24 digital inputs
- 4 analogue inputs
- Fully configurable for bespoke installations using genisys programming software
- Proven genisys power management & control capability
- Load shedding and split-charge functionality
- Voice alert channel
- Integration with MDT and telemetry available via the genisys Protocol Converter module
- EMC compatibility: E-marked.

Carnation Designs  
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Find out more at:

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## Specification

General Requirements	
Recommended Operating Supply Voltage	10-16V
Total Output Current	150A
No. of Outputs	14 Positive (High Current) 12 Positive (Medium Current) 2 Negative (Medium Current)
Current Rating (per Output)	2 x 30A 12 x 15A 12 x 3A 2 x 5A (negative)
Digital Inputs	24 (16 Positive and 8 Negative)
Analogue Inputs	4 Configurable
CAN Data Input	Available as separate module
Audio Warnings	Single Audio Channel 3.5mm socket
Dimensions	234W x 50H x 175D
Module Compatibility	genisys keyboards, CAN & Protocol Converter
Configuration	Maintains Genisys128 software usage
Power consumption unit only: In Operation Sleep Mode	<200mA <30mA
Branding / Customer configuration	Pre-printed I/O Configuration
Electromagnetic Compatibility	
General automotive CE	72/245/EEC (2009/19/EC)
FCC	Complies with FCC regulations
e-Mark	VCA approvals
Environmental	
Operating/Storage Temperature	-20 to 50°C ambient
Ingress Protection	IP20

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