

# CZone Contact 6 PLUS



Product code: 80-911-0160-00

Utilising proven CZone digital switching technology the Contact 6 PLUS is a robust and affordable digital switching solution. Featuring 6x 15A solid state ignition protected fused outputs with circuit bypass for system redundancy.

The Contact 6 PLUS can be networked into an existing CZone system or installed stand-alone with the CZone Waterproof Keypads or compatible multi-function displays. The Contact 6 PLUS integrates with all major marine chart plotter and multi-function display manufacturers for direct control of electrical systems from your display, including fault warning notifications and circuit status indication.

## Features

- Circuit dimming & smooth start capability.
- Status LED's for all outputs.
- Ultra low current draw.
- Built-in timer functions for circuits like live bait tanks.
- Voltage monitoring on the NMEA 2000 network.
- Built-in Load Shedding allows non-essential loads to be turned off to preserve battery life.
- Built-in default configurations selectable via dip switch.
- Affordable add-on module to larger CZone systems.
- Blown fuse detection and warning.

## CZone Contact 6 PLUS System

Combine Contact 6 PLUS with the Waterproof Keypad and Smart Harness to achieve a very affordable digital switching system, that reduces installation time, network component cost and delivers a robust electrical system with fewer connection points than a conventional installation. The CZone Contact 6 PLUS System provides an ultra-low current draw state to reduce demand on small electrical systems yet still delivers features such as timer functions and Load Shedding to preserve critical battery life by turning off non-essential loads as voltage drops.

- Low cost digital switching system.
- Simple installation.
- Greater reliability with fewer connections.

### System examples

#### STANDALONE

The Contact 6 PLUS and Waterproof Keypad can be networked using the Smart Harness without the need for a full NMEA 2000 network backbone. The Smart Harness is available in 2 and 3 module versions which are perfect for a Contact 6 PLUS Module and one or two Waterproof Keypads providing six or twelve switch positions.

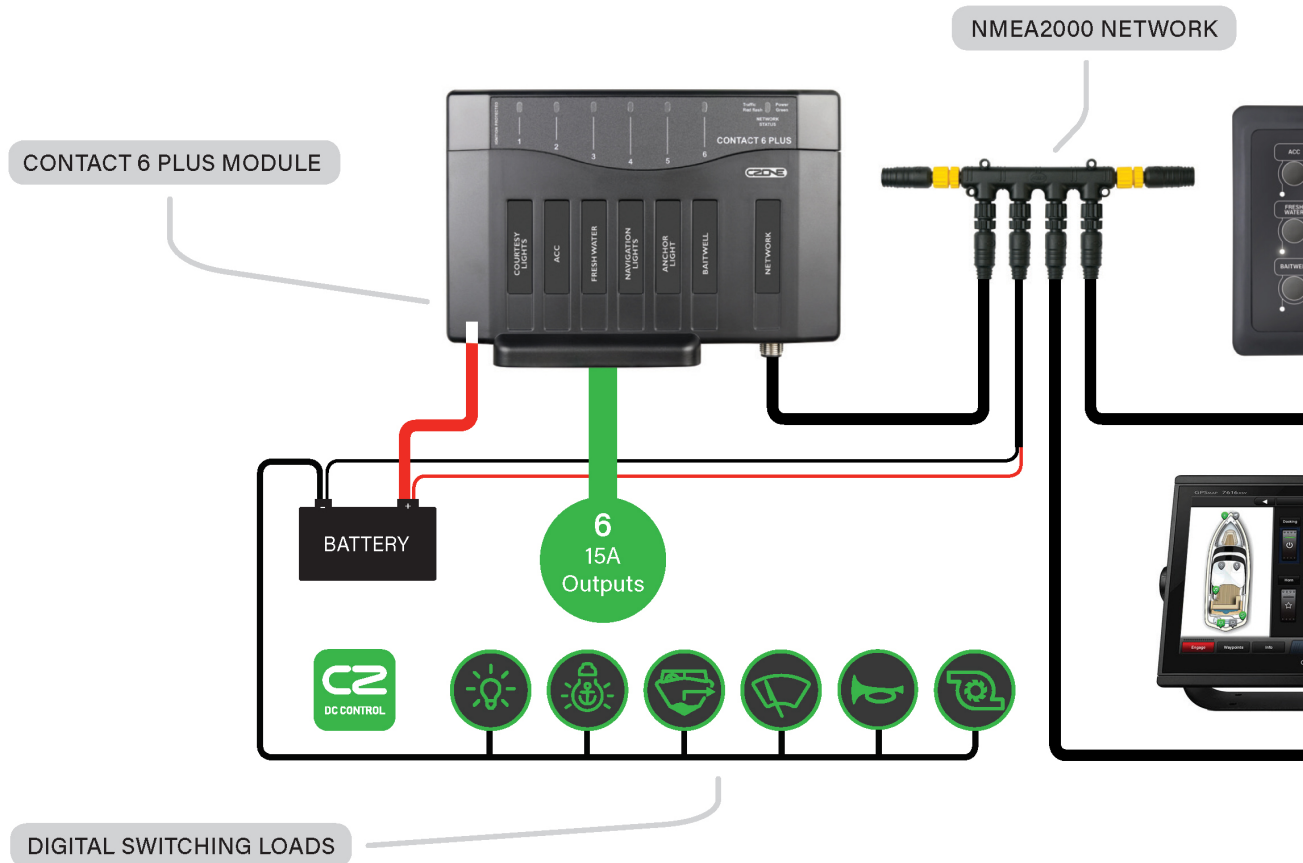
- No NMEA 2000 network backbone required.
- Cost effective and simple installation.
- More reliable with less connection points



## NETWORKED

The Contact 6 PLUS and Waterproof Keypad are fully NMEA 2000 compatible and can be used as low cost components of a larger CZone installation with a full network backbone. In a networked installation the NMEA 2000 backbone replaces the Smart Harness.

- Low cost addition to a larger installation.
- Compatible with most Marine multi-function displays.



# Specifications

## General specifications

Output wire range	0.5 -6 mm (24 AWG - 8 AWG)
NMEA 2000 connectivity	1 x CAN Micro-C port
Dimming	all channels, PWM at 100 Hz
Output channels	6 x 15 A - 12/24 V
Circuit protection	ATC fuse with blown fuse alarms
Circuit bypass	mechanical fuse bypass on all channels
Max. current	60 A total module current
Power supply	M6 (1/4)
Supply voltage	9-16 V via NMEA 2000 network
Protection degree	IPx5 (mounted vertical)
Dimensions, hwxwd	128.5 x 202.5 x 45 mm
	5.1 x 8.0 x 1.8 inch
Weight	0.6 kg
	1.3 lb
Compliance	CE, ABYC, NMEA, ISO8846/SAEJ1171 Ignition Protected

## Technical specifications

Power consumption	max. 75 mA / standby 0,3 mA
Temperature range (ambient temp.)	-15 °C to 55 °C
	5 to 131 °F
Temperature range (storage/non operating)	-40 °C to 85 °C
	-40 to 185 °F