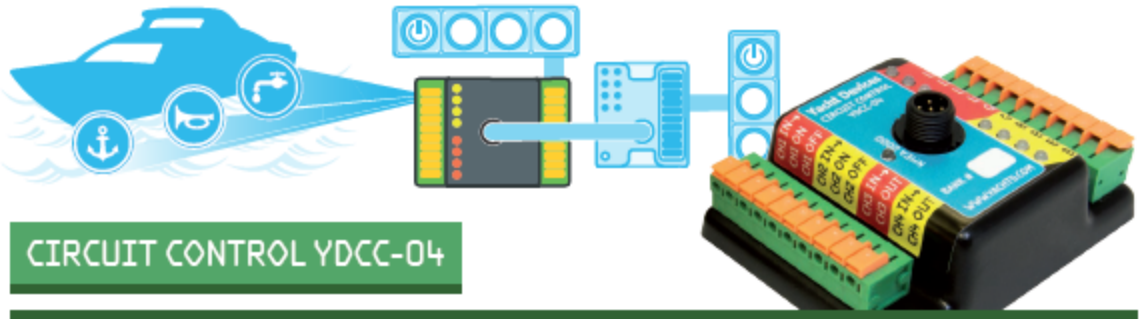


CIRCUIT CONTROL YDCC-04

The Circuit Control contains four latching (bi-stable) relays, which can be managed from connected control buttons with LED indicators or over NMEA 2000 with standard messages.

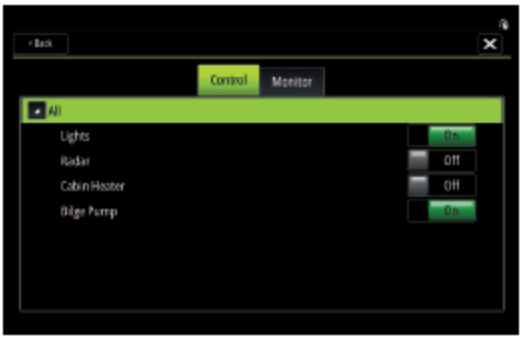
The Circuit Control is the core component of our digital switching system. In addition to connected buttons, loads can be managed with "virtual buttons" on the Web Gauges of our NMEA 2000 Wi-Fi Gateway, or automatically from our sensors. To set up additional control posts with duplicate physical buttons and indication, use Switch Control YDSC-04.

Loads can also be managed from all chart plotters with CZone support: all modern models of Garmin, B&G, Lowrance, Simrad, Furuno and recent models from Raymarine (Axiom, eS, gS).

Electrical specifications of Circuit Control:

- four channels: two with normally open contacts (ON-OFF) and two with switching contacts;
- latching (bi-stable) relays consume electricity only during the process of switching and stay in their last state after the device is powered off;
- maximum constant load current per channel is 10A, peak is 20A (4 seconds, duty cycle 10%);
- capable of switching the direct current (DC) and alternating current (AC) loads up to 400 V;
- high voltage isolation from a load, 5000 Vrms;
- average device consumption is only 30 mA.

The Circuit Control and Switch Control are designed to be compatible with Oceanic Systems, Offshore Systems, Chetco Digital, Maretron and Carling Tech displays and relay modules, and with other NMEA 2000 digital switching devices managed with standard NMEA 2000 PGN 127501 "Binary Status Report" and PGN 127502 "Binary Switch Control".



B&G Vulcan with YDCC-04 loads

Web Gauges of Wi-Fi Gateway YDWG-02

Certified by the National Marine Electronics Association
Operating voltage (from an NMEA 2000 network): 7..16 V
NMEA 2000 consumption current, (average / peak): 30 / 130 mA
Dimensions with connector (LxWxH): 92x72x38 mm

$475 inc GST