Capi2

Digital Power System for Yachts

The reduction of cabling and weight, greater flexibility and safety; these are the main advantages of the digital Control and Power Distribution System for yachts, introduced by the Dutch-Swedish company Capi2 BV. The system is easy to install, requires little maintenance, is build for marine use and has an option for a compact designed, user-friendly control panel.

The patented system is based on bus technology: the 12-24 Volt power distribution system is controlled electronically by software. One or more cable looms are installed inside the boat. Nodes (an electronic switch) can be installed on these cables either next to each other or as singles. A chip inside each node communicates with the control panel through a bus generator. Each node also contains a re-settable automatic electronic fuse. The on-board appliances can be connected to these nodes.

Nodes

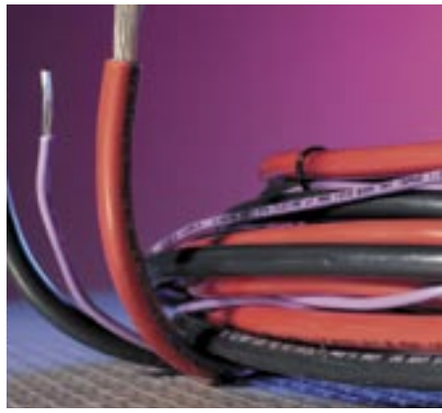
The nodes are easy to attach to the cable bus and are completely sealed. The nodes have different versions:

- Power nodes of 3, 10 and 16 Amp, for lamps, fans and pumps etc.
- Dimmer node.
- Switch nodes, to turn on appliances.
- Open/close node, to register open and closed hatches.

Control Panel

Capi2 can communicate through the bus generator to different types of digital control units, for example, touch and computer screens. For use inside the wheelhouse, the Capi2 switch panel, or separate switches, can be used in combination with the switch nodes.

Advantages



Capi2 offers several advantages. As the use of this system reduces the need of cables by up to 60 % and is also easy to install through the use of 'snap on' nodes that do not require soldering, a reduction of labour costs of 25-50% can be expected.
As every power node contains a remote re-settable automatic electronic fuse of 3, 10 or 16A a single node can handle a lot of power and no extra relays are needed as by conventional PLC systems.

Exhibitions

Capi2 will be showcased at stand 07.314 during the Marine Equipment and Trade Fair 'METS' in Amsterdam, November 2006, at 'Boot 2007' in Düsseldorf, January 2007 and at Seatec in Carrera Italy, February 2007.

i. www.capi2.com