EmpirBus NXT

- NMEA2000 Switch Panel
- 12x2 Programmable Switches
- Portrait and Landscape Variants
- LED Running and Alarm Indication for each Switch
- User Defined Switch Legends (Text & Symbols)
- Backlit for Dusk / Nigth Time Operation
- Optional Integral CAN bus terminator
- Built in light sensor for automatic adjusting of backlight
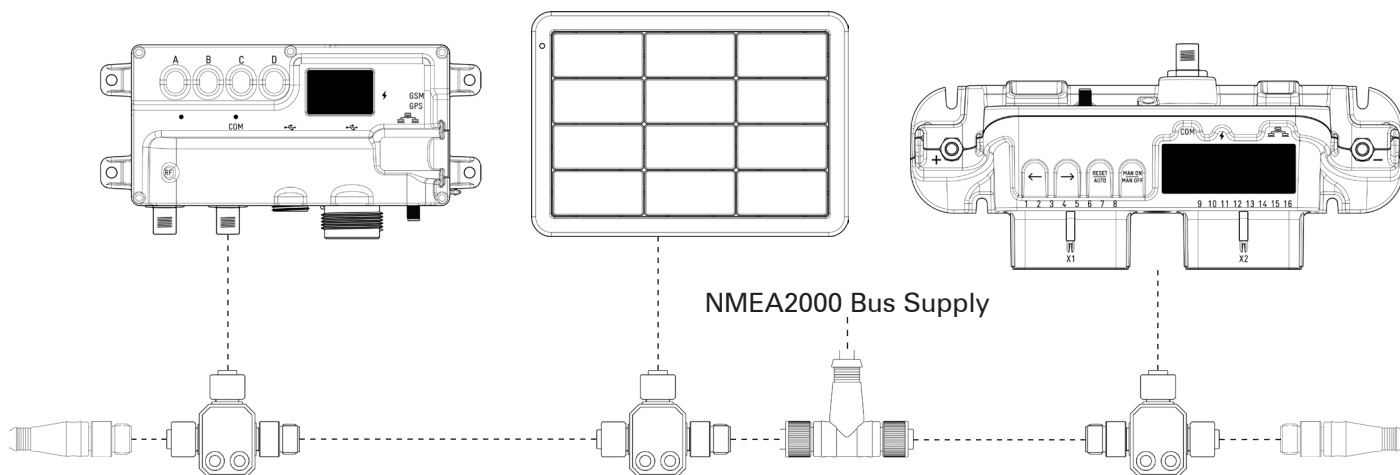- Integrated Buzzer for Operator Feedback / Alarm Warning

Description

The Switch Panel (SP-12) is a 12x2 way digital switch component for the EmpirBus NXT NMEA2000 control, monitoring and distribution system. SP-12 is used to provide control inputs to the system via the switches and status information back to the user by the individual LED indicators. An integrated audible warning device provides both operator feedback on key press and should an alarm condition arise an audible warning. Fitting the unit is simple it may be fitted to any flat surface. The SP-12 is intended to be fitted internally and operates from -20 to +70C. For night time operation the SP-12 is back lit and both the back lighting and running/warning indications can be dimmed to suite specific conditions either as individual panels or groups.

Each button has two physical switches and three independently controlled status LED's providing an excellent interface. For example a switch may operate the bilge pump, left is auto and right manual, reflected in the LED's with the centre LED showing if the pump is running. Other examples would include navigation lights, wiper functions, modes and interior lighting.

SP-12 is available in portrait (6*2) and landscape (4*3) versions and a laser process labels the switches with a permanent mark using either text or symbols.

For volume users the Switch panel is available in a choice of colors and with the customer logo.

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Connection example NMEA2000

NMEA2000 Bus Supply

Specifications

Communication:	CAN-bus NMEA 2000
Power supply:	Power consumption max/average 500mA/0,25mA Supply voltage 9–32VDC
Connector:	
NMEA 2000	Micro 5pin M12 Male
Ambient temp:	-20 to +70 degrees Celsius
Enclosure:	Ingress Protection IP21
Dimensions:	127,5x90,5x12,2 mm
Regulation comp:	ABYC, RoHS
Weight:	0,2 kg

Dimensions
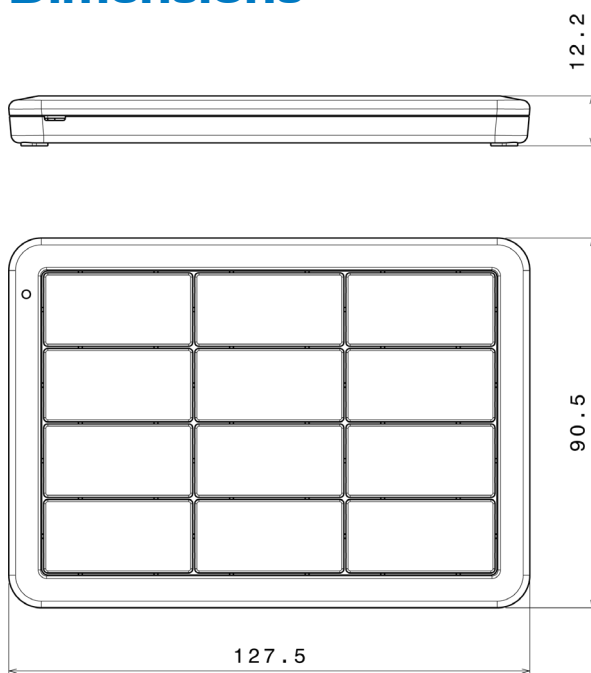
Articles

2041311	SP-12H-C	Switch Panel Horizontal
2041351	SP-12V-C	Switch Panel Vertical

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