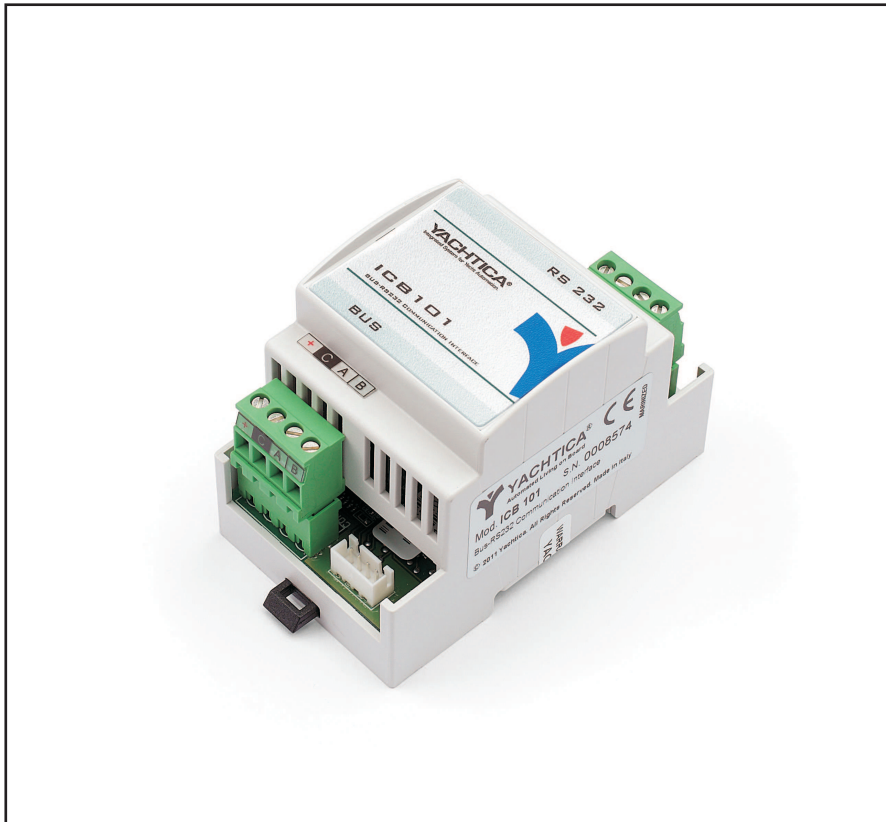


Communication Interface

USER AND INSTALLATION MANUAL



Description

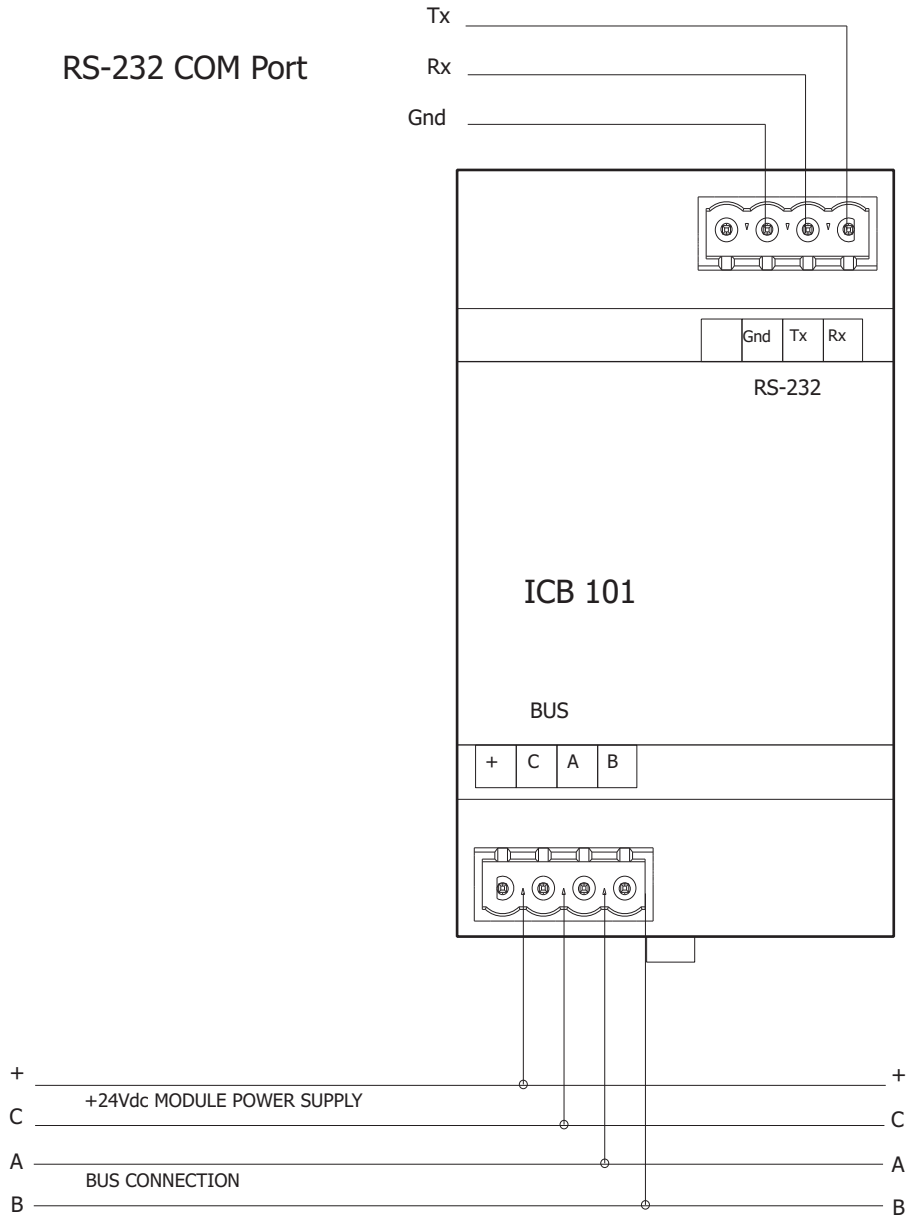
The ICB101 is a module used to connect the Yachtica system BUS (EasyBUS) to other devices/computer through their serial ports. The module can be used to program Yachtica's modules connected to the BUS, with custom functionalities through the Cabot software.

The module is also used as communication interface between monitoring and/or entertainment systems and Yachtica: the serial protocol optimizes transmission of control commands coming from different touch-screen display.

In case of need, 2 modules ICB101 can be used together in order to perform operations on the BUS at the same time, managed by 2 different monitoring systems (ask to Yachtica technician if you need this feature).



ICB101 Layout and Wiring Diagram





Technical Specifications

Features

- BUS connector for the connection to others modules
- Connector to the serial port of the computer
- Memory buffer
- DIN rail mounting
- Removable connectors
- Completely tropicalized electronics

Technical data

Power Supply for Electronics	9 - 32 VDC
Maximum Input Absorption	30mA
Operating Temperature	+5 +50 °C
Storage Temperature	-40 +70 °C
Relative Humidity	15% 90% non condensing
Protection	IP 20
Dimensions	W 54mm x H 90mm xD 62mm (3 DIN)
Casing Material	Self-extinguishing Noryl
Colour	Grey RAL 7035
Certification	CE marked





Usage warning

Electrical tension may cause electric shock and severe burns. Be sure to turn off the electrical supply before carrying out any type of work on the connectors. Omission of observation of these safety measures may cause death or severe lesions to people as well as great material damage.

The appliances of the YACHTICA System must be installed and used exclusively by adequately trained and qualified personnel.

Before proceeding with the use of the appliances, make sure to have correctly carried out the installation procedures indicated in this installation manual.

Before proceeding with the use of the appliances, make sure that the electric installation, carried out by a qualified technician in conformity with the Technical Norms, corresponding to the class of homologation of the vessel, in vigour, is provided with the devices prescribed for the protection against direct and indirect contacts and electrical surcharges.

The appliances of the YACHTICA System must be exclusively used in connection with appliances and external components which are conformed to the Norms comparative to the product.

The appliances of the YACHTICA System must be exclusively used in marine environment.

Do not use the appliance if, upon visual inspection, it shows deterioration of the enclosing box or if the screening wraps of the feeding cables show any wear and tear or damage.

The YACHTICA System may not be used to carry out safety and accident prevention functions since it does not have the redundancy requirements lawfully requested.

VIAREGGIO YACHTING CORPORATION S.r.l. shall only be held responsible for products repaired or eventually modified by Technicians of its Technical Assistance Team or by persons/companies expressly authorized by VIAREGGIO YACHTING CORPORATION S.r.l. to carry out such operations and only if such product/s is/are connected to an electrical installation realized in conformity with the Technical Norms in vigour and is/are used by qualified personnel solely in conformity with the Instructions of Use.

VIAREGGIO YACHTING CORPORATION S.r.l. shall not be held liable for damage of any sort or kind in case of appliances used or installed incorrectly.

VIAREGGIO YACHTING CORPORATION S.r.l. shall not be held liable for any damage to persons or things derived from the use of the examples contained in the documents accompanying the appliances.

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Conformity declarations

All the devices of the Yachtica System is designed and tested with the requirements of the European EMC Directive 89/336 and in accordance with the Low Voltage Directive 93/68



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