



Systems on Board, The House of Interface Solutions, has been actively engaged in design and development of simplified, user friendly single board solutions for the field engineers. The devices are plug-n-play, rugged and easy to install on a rail mount or on base plate.

The NMEA Buffer cum Splitter **SOB 33-33** is one of such solutions specially designed for marine OEMs and marine service engineers to address to practical issues encountered while interfacing “One Talker Multi – Listeners” scenario. The device not only buffers the input **NMEA 0183** serial data but splits into eight outputs with electrical isolation so that any failure due to short circuit or wrong polarity on one channel would not affect the rest of the channels.

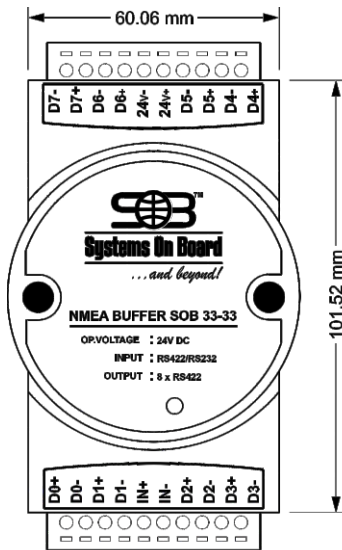
Additionally, the device also has jumper selectable input for both **RS 422** or **RS 232**. This is very useful to cater for some of the older devices on board ship which has only **RS 232** interface available.

This single page flyer is sufficient to start up for any engineer hooking one device to many other devices. However, should you have issues or question, please feel free to contact our nearest distributor/dealer who shall have an immediate answer to your problem.

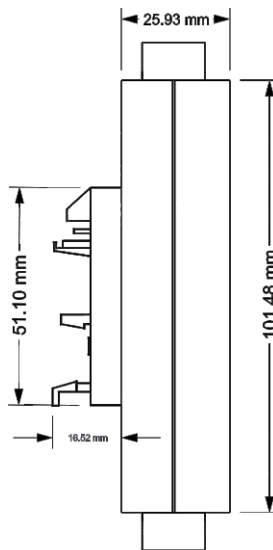
<http://www.systemsonboard.com>



MECHANICAL SPECIFICATION :



FRONT VIEW



SIDE VIEW

TECHNICAL SPECIFICATION :

Input : NMEA 0183 x 1
 Output : NMEA 0183 x 8, Isolated
 Operating Voltage : +18 To +36Vdc
 Operating Temperature: -15 To +70°C
 Storage Temperature: -20 To +75°C
 Rh: 95% @ 40°C
 Mounting : DIN Rail

Authorized Dealer

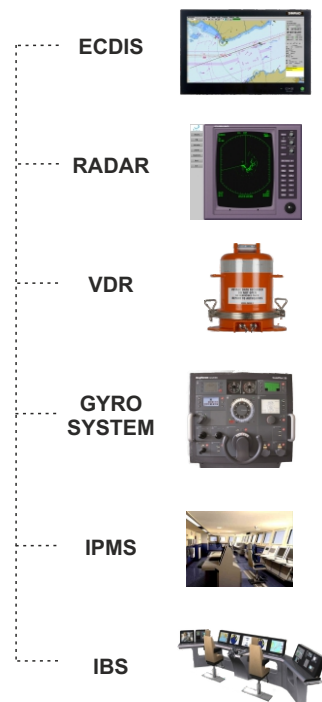
TALKER



NMEA 0183 BUFFER



LISTENER



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