

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.

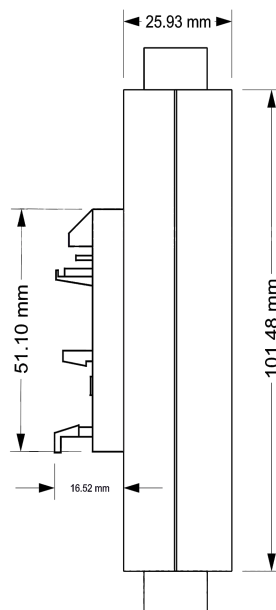
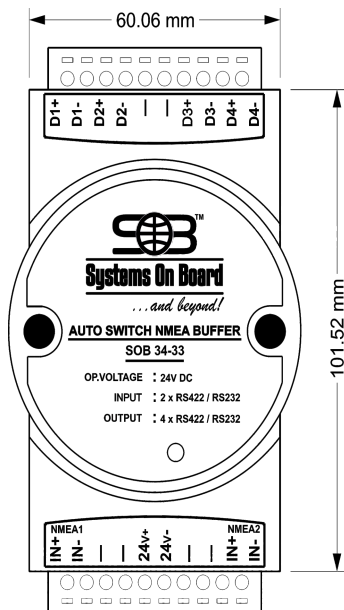
The NMEA Auto Switch Buffer cum Splitter **SOB 34-33** is one of such solutions specially designed for marine **OEMs** and marine service engineers to address to practical issues encountered while interfacing two similar devices “Primary & Secondary (Standby) as Talker to Multi – Listeners” scenario. The device not only buffers the input **NMEA 0183** serial data but it can automatic switch the input source from primary to secondary standby device if any failure occure in one of devices and also it splits into four 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.

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 :



TECHNICAL SPECIFICATION :

Input : NMEA 0183 x 2
 Output : NMEA 0183 x 4, Isolated
 Operating Voltage : +18~36Vdc
 Operating Temperature: -10~+50 °C
 Mounting : DIN Rail

Authorized Dealer

TALKER



GPS-1



GPS-2



GYRO-1



GYRO-2

NMEA 0183 AUTO SWITCH BUFFER + SPLITTER

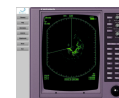


LISTENER

ECDIS



RADAR



VDR



GYRO
SYSTEM



IPMS



IBS



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