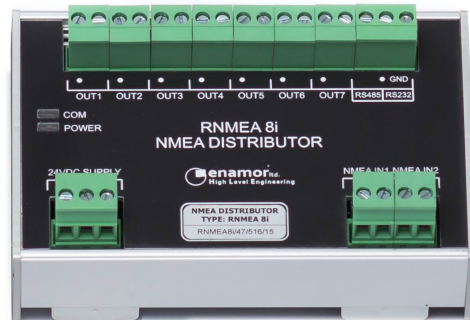


# ENAMOR PRODUCTS NMEA MODULES FAMILY

## NMEA SIGNAL DISTRIBUTOR RNMEA8i

### GENERAL FEATURES:

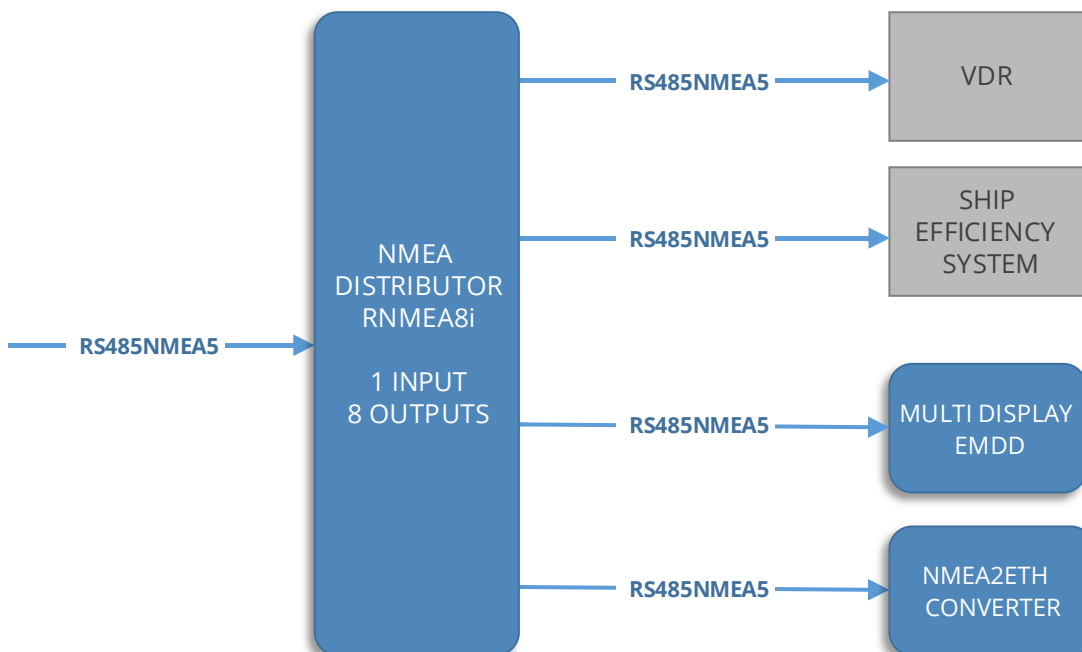
- **Number of inputs:** 1 optoisolated or 1 RS422-ISO (jumper selected)
- **Number of outputs:** 7 outs RS422 + 1 out RS422/RS232 (jumper selected)
- **Compatibility:** NMEA 0183 - Standard for Interfacing Marine Electronic Devices
- **Baud rate:** 4800, 9600, 14400, 19200, 38400 Bd (higher baud rates available on demand)



NMEA signal distributor RNMEA8i enables connecting devices like navigating equipment (GPS, log, VDR, radar, gyro-compass etc.) that generate NMEA - 0183 standard signals. RNMEA8i is receiving signal on its selected input and then the signal he signal is parametrized by protection circuit. Both inputs are galvanic separated from outputs.

DC/DC Converter used in a power supply circuit provides a galvanic separation of the splitter's outputs and power supply source. It have isolated grounds on the output side, providing ground loop protection. The power supply circuit is equipped with protecting fuse, overvoltage protection and reversed polarity protection.

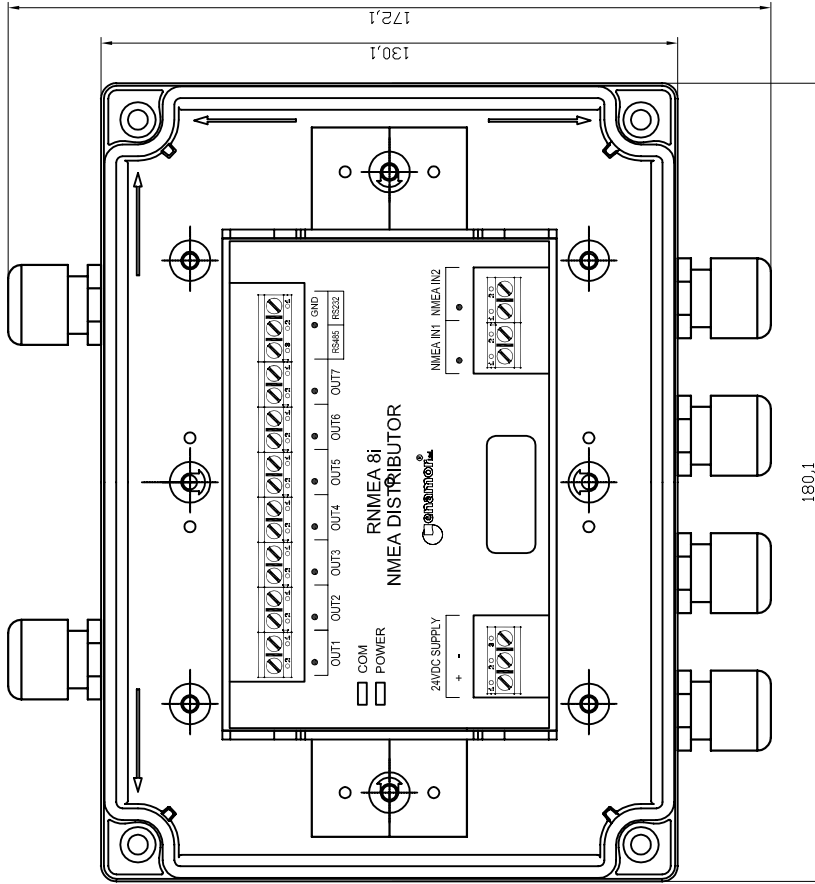
The RNMEA8i is acting as signal amplifier also and can distribute data streams over up to eight independent outputs. 7 outs in RS422 electrical standard and 1 customizable RS422 or RS232 out. The NMEA signals are buffered and each connected receiver get the data at the required voltage levels with consistent data quality.



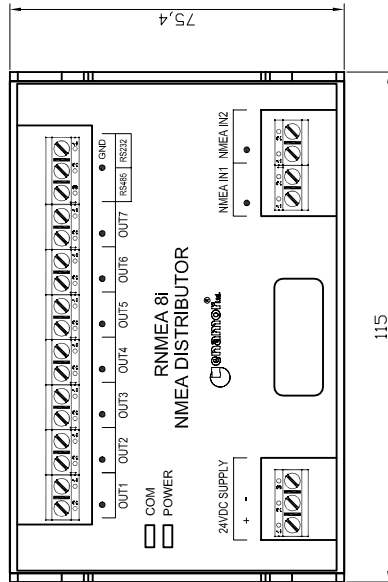
# ENAMOR PRODUCTS NMEA MODULES FAMILY

## NMEA SIGNAL DISTRIBUTOR RNMEA8i

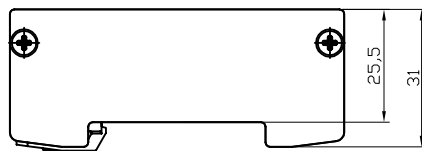
MOUNTED INSIDE ENCLOSURE



FRONT VIEW



SIDE VIEW



### More Information

Power supply	18-36VDC / nom. 24V; 6W
Dimensions	115 x 75,4 x 31 (mm)
Weight	450g
Operating temperature	-15°C up to +55°C
Connections	Connector with screws up to 1,5mm <sup>2</sup>
Applications	Distribution and decoupling of NMEA signal sources
Approval	PRS TE/2051/883124/15
Article No.	RNMEA8i