



POWER & DATA DISTRIBUTION / DATA DISTRIBUTION

MD94DDU DATA DISTRIBUTION UNIT

SKU F094053

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FEATURES

- **Designed for NMEA Data Distribution**
- **2x NMEA 0183 Inputs; 9x NMEA 0183 Outputs**
- **Inputs mappable to Outputs**
- **Outputs provide Power and Remote Dimmer Connections**
- **Single / Dual 24 V dc Supply (Main and Backup)**
- **Rugged Marinised Aluminium Enclosure**

CERTIFICATIONS



GL Type Approved

OVERVIEW

The MD94DDU is a NMEA 0183 Data Distribution Unit able to take two independent NMEA 0183 inputs and transmit a buffered NMEA 0183 output to up to nine devices.

The MD94DDU can be daisy chained with another MD94DDU to increase the number of available outputs if required. In this way, digital heading data (ship's heading) or any other NMEA 0183 data may be conveniently relayed to any location on a vessel.

The MD94DDU offers a NMEA 0183 Distribution solution for most locations. Finished in jet black fine texture powder coat paint to complement other bridge marine navigation equipment.

The MD94DDU NMEA Data Distribution Unit from Marine Data: flexible in application, easy to install and simple to maintain.

APPLICATIONS

- Allows the Distribution of individually buffered NMEA 0183 signals to multiple devices
- Allows Common Dimming of all connected instruments

ACCESSORIES

- [MD01/PMD](#) - Rotary Remote Dimming Control

RELATED PRODUCTS

- Any NMEA 0183 (IEC61162-1) compliant device
- Transmitting Heading Device (THD) Systems ([TMC](#) and [EMC](#))
- The complete range of Marine Data [Repeaters](#)

PHYSICAL

Weight:	1.5 kg
Dimensions:	H 254 mm; W 254 mm; D 70 mm
Mounting:	M6 Fixings on 220 mm sq' centres
Connections:	Multicore cable through M20 watertight gland to internal screw terminals
Construction:	Aluminium alloy enclosure
Finish:	RAL9005 Jet Black, fine texture

ELECTRICAL

Power Supply:	Single / Dual (Main / Backup) Supplies 24 V dc, 2.5 W nominal (21-31 V dc)
Data Inputs:	2x NMEA 0183 (IEC 61162-1)*
Data Outputs:	9x NMEA 0183 (IEC 61162-1; IEC 61162-2)**
Power Outputs:	24 V dc; 500 mA (max)
Data Sentences:	Re-transmitted as received (Buffered)

OPERATIONAL

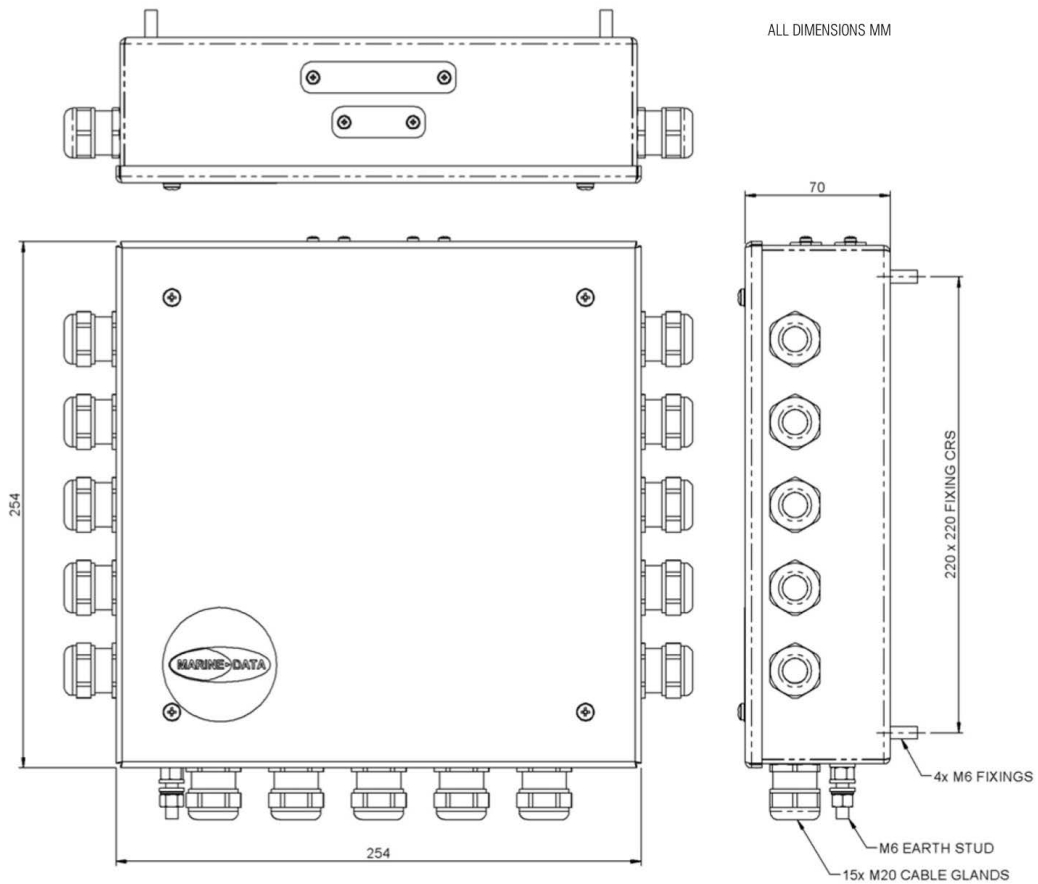
Performance:	NMEA 0183 Distribution with Buffer Function 4800 - 38400 Baud
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ENVIRONMENTAL

IP rating:	IP54
Operating temp:	-15°C to +55°C
Compass:	Safe Distance: 50 cm

APPROVALS

Complies with:	IEC 60945; IEC 61162-1; IEC 61162-2
Type Approval:	Germanischer Lloyd (GL)



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