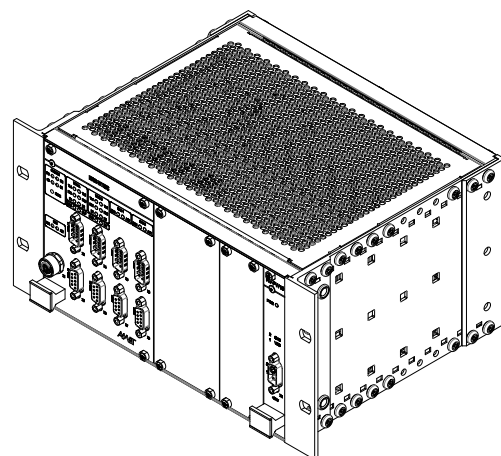


# RRR-WTB/C

WTB / Ethernet / CAN gateway

- 1 × WTB interface (with doubled line)
- 1 × Ethernet (connector M12)
- 2 × CAN interface (connector concatenation)
- Power supply 24 V DC
- Design according to EN 50155:2007
- WTB interface meets requirements of EN 61375-2-1:2012



## TECHNICAL DATA

<b>WTB interface</b>	1 × (doubled line)
Communication rate	1 Mbps ±0,01 %
Galvanic separation	Yes *)
Connection point	4 × D-sub DE-9 according to EN 61375-2-1:2012, connector fixing by M3 bolt
<b>Ethernet interface</b>	1 ×
Communication rate	100 Mbps
Galvanic separation	Yes *)
Connection point	M12 connector according to EN 61375-3-4:2014, D coded
<b>CAN interface</b>	2 ×
Galvanic separation	Yes *)
Characteristic line impedance	120 Ω ±10 %
Terminating resistor	External **)
Connection point	2 × D-sub DE-9 (concatenation) according to EN 61375-3-3:2012, connector fixing by UNC4-40 bolt
<b>Power supply</b>	16.8 V DC to 30 V DC
Current consumption	Max. 600 mA
Connection point	D-sub 2W2C connector, socket
<b>Others</b>	
Ingress protection rate	IP20
Operating temperature range	-40 °C to +70 °C
Storage temperature range	-40 °C to +70 °C
Maximum ambient humidity	< 95 % non-condensing
Weight	2.44 kg
Dimensions in standard units (w × h) ***)	44 HP × 3 U
Dimensions (w × h × d)	(280 × 133 × 220) mm

\*) Insulation strength of galvanic separation is 1000 V AC / 1 min. Galvanic separation must not be used for dangerous voltage separation.

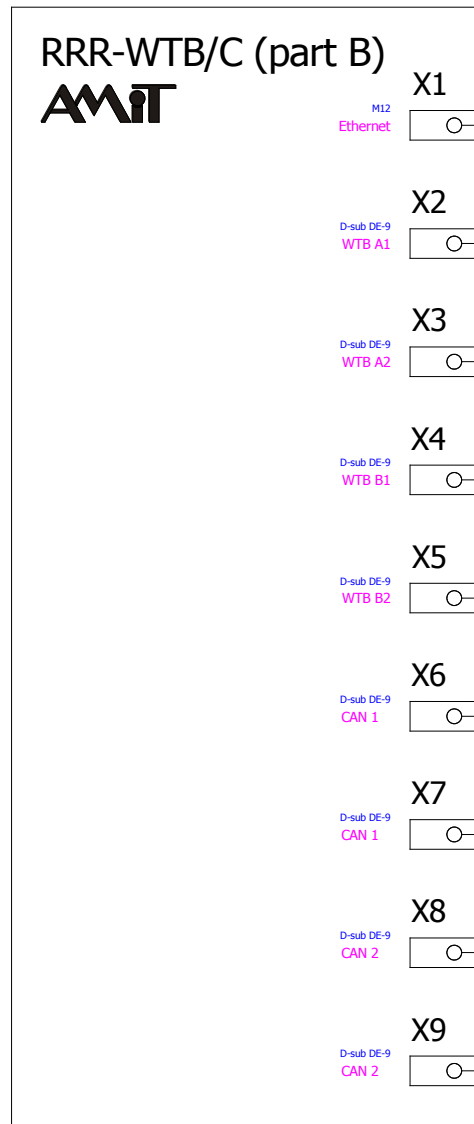
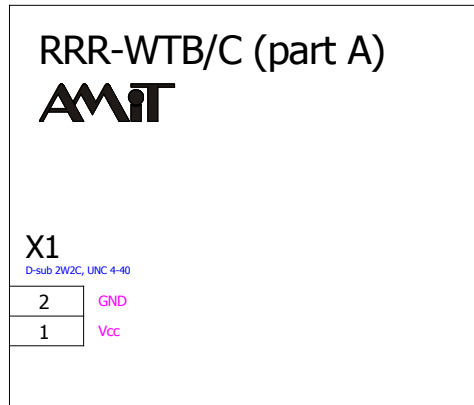
\*\*) Terminator is not part of delivery.

\*\*\*) 1 HP (horizontal pitch) = 0.2 inch (5.08 mm),  
1 U (rack unit) = 1.75 inch (44.45 mm).

## ORDERING INFORMATION

<b>RRR-WTB/C</b>	WTB / Ethernet / CAN gateway, routine testing protocol, insulation testing protocol, certificate of product quality and completeness
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## RECOMMENDED DRAWING SYMBOL



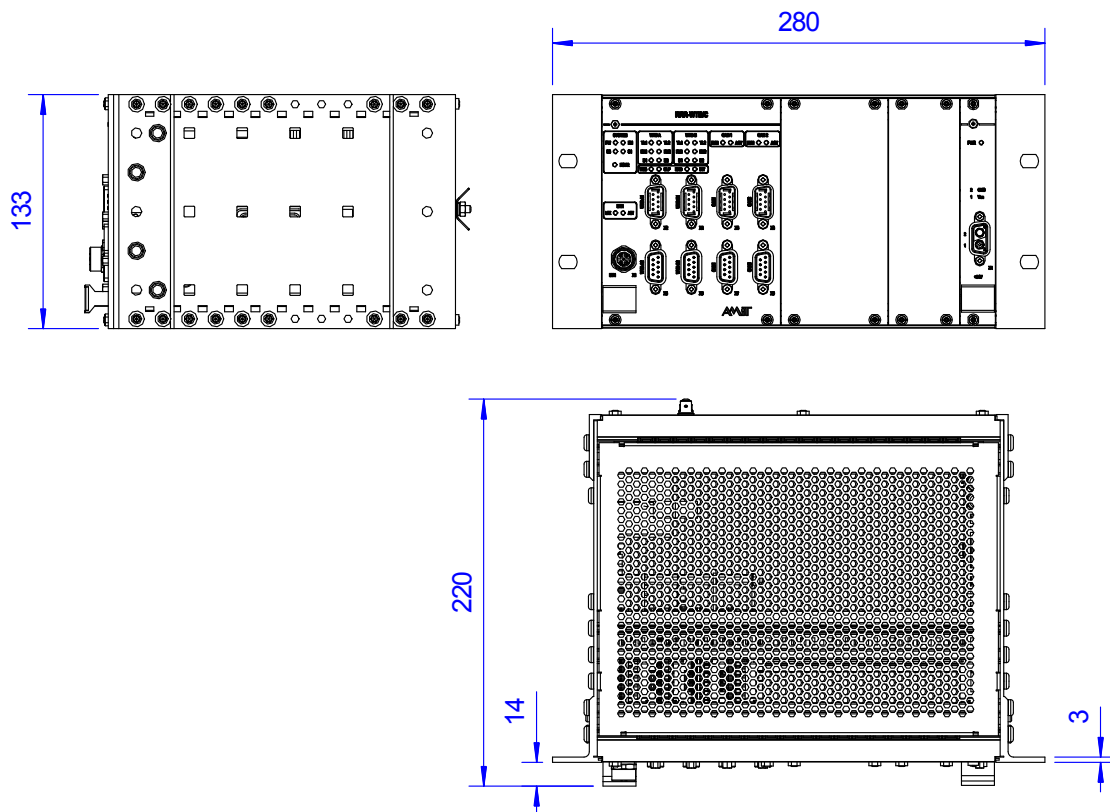
# RRR-WTB/C

WTB / Ethernet / CAN gateway

## TERMINAL'S IDENTIFICATION

Connector (from the left)	Terminal	Label	Meaning
X1		ETH	Ethernet
X2		WTB A1	WTB line A, direction 1
X3		WTB A2	WTB line A, direction 2
X4		WTB B1	WTB line B, direction 1
X5		WTB B2	WTB line B, direction 2
X6		CAN 1	CAN line1, connector 1
X7		CAN 1	CAN line1, connector 2
X8		CAN 2	CAN line2, connector 1
X9		CAN 2	CAN line2, connector 2
X1	1	Vcc	Power supply, positive pole
	2	GND	Power supply, negative pole

## MECHANICAL DIMENSIONS



Data provided in this datasheet are only informative. Detailed information can be found in operational manual (rrr-wtbc\_g\_en\_xxx.pdf). Documentation can be downloaded from [www.amit-transportation.com](http://www.amit-transportation.com).