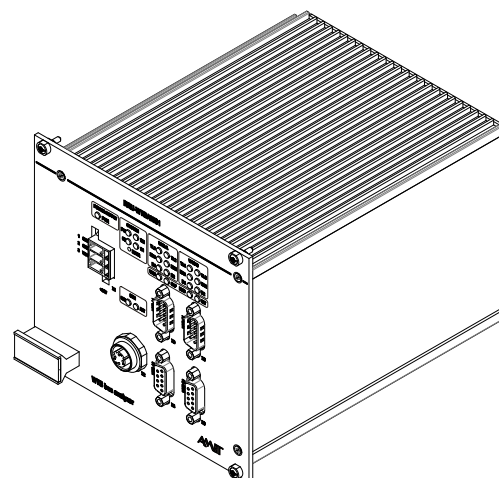


RRU-WTB/AN01

WTB bus analyser

- 1 × WTB interface (with doubled line)
- 1 × Ethernet 100 Mbps (connector M12)
- Mounting into 19" subrack
- Power supply 24 V DC
- Design according to EN 50155:2007
- WTB interface meets requirements of EN 61375-1:2012



TECHNICAL DATA

WTB interface	1 × (doubled line)
Communication rate	1 Mbps ±0.01 %
Galvanic separation	Yes, 1000 V AC / 1 minute *)
Connection point	4 × D-sub DE-9 connector fixing by M3 bolt **)
Ethernet interface	1 ×
Communication rate	100 Mbps
Galvanic separation	Yes, 1000 V AC / 1 minute *)
Connection point	M12 connector according to IEC 61375-3-4, D-coding **)
Power supply	16.8 V to 30 V DC
Consumption from power supply	Max. 600 mA
Connection point	Connector WAGO 769-633/003-000
Others	
Ingress protection rate	IP30 ***)
Operating temperature range	-40 °C to 70 °C
Storage temperature range	-40 °C to 70 °C
Maximum ambient humidity	< 95 % non-condensing
Weight	1.50 kg
Dimensions in standard units (w × h) #)	28 HP × 3 U
Dimensions (w × h × d)	(142 × 129 × 185) mm

*) Galvanic separation must not be used for dangerous voltage separation.

**) Cable connectors are not a part of analyser delivery (see tab. Ordering information)

***) With all cable connectors plugged

#) 1 HP (horizontal pitch) = 0.2 inch (5.08 mm)

1U (rack unit) = 1.75 inch (44.45 mm)

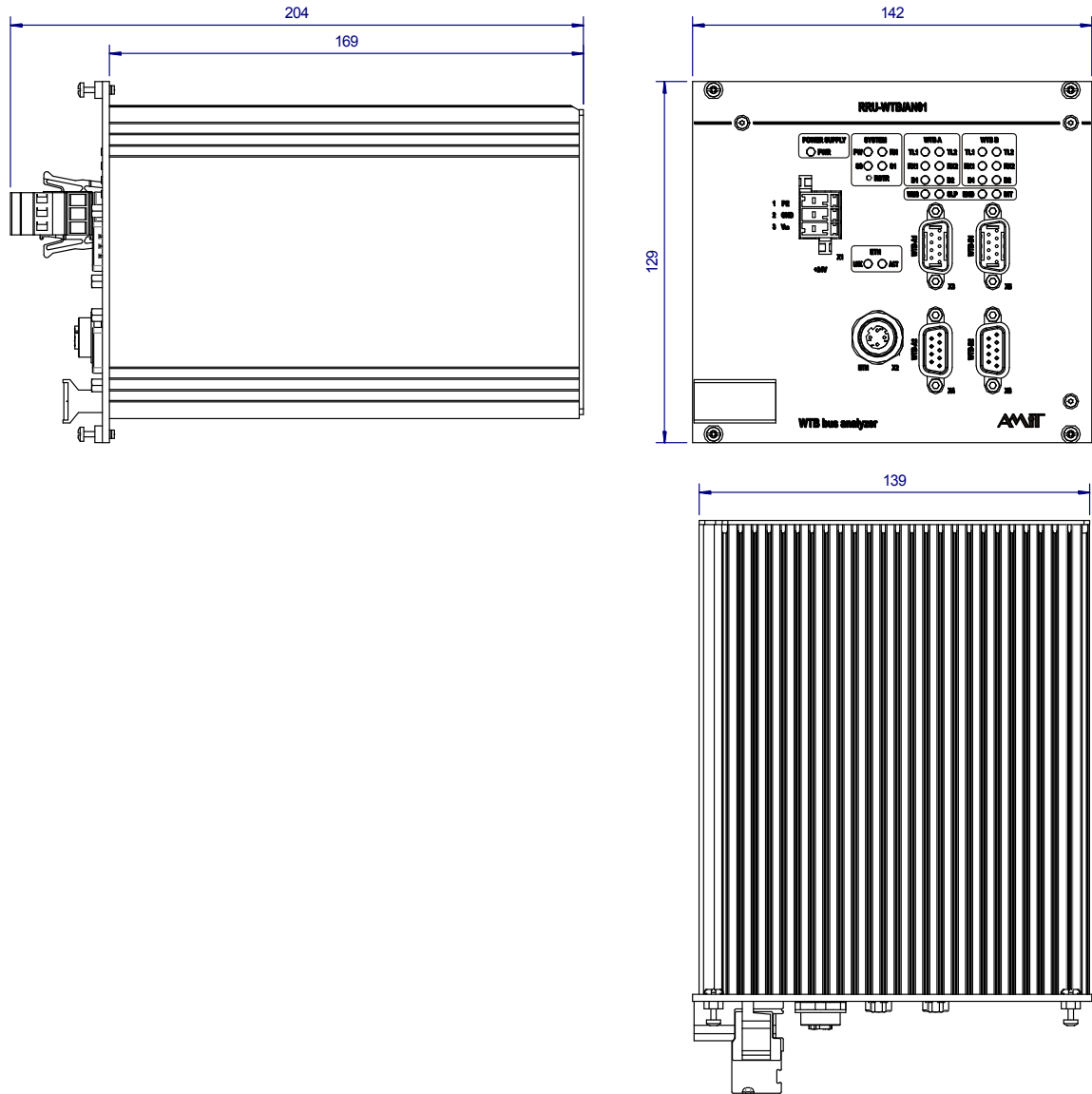
ORDERING INFORMATIONS

RRU-WTB/AN01	WTB analyser, WAGO connector counterpart, Quality and completion certificate, Operation manual, Routine testing protocol, Insulation testing protocol
21038821405	Crimping M12 cable connector, D coding
CAN 09F-MC/A	Crimping cable connector D-sub DE-9, socket
CAN 09F-MC/A	Crimping cable connector D-sub DE-9, plug

TERMINAL’S IDENTIFICATION

Connector	Terminal	Label	Meaning
X1	1	PE	Unit chassis.
	2	GND	Power supply, negative pole
	3	Vcc	Power supply, positive pole
X2		ETH	Ethernet
X3		WTB-A1	WTB line A, direction 1
X4		WTB-A2	WTB line A, direction 2
X5		WTB-B1	WTB line B, direction 1
X6		WTB-B2	WTB line B, direction 2

MECHANICAL DIMENSIONS



Data provided in this datasheet are only informative. Detailed information can be found in operational manual (rru-wtban01_g_en_xxx.pdf). Documentation and examples can be downloaded from www.amit-transportation.cz web site.