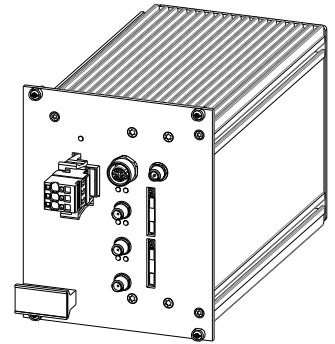


RRU-CU/AA

Communication unit

- 1 × GPS
- 1 × GSM / LTE
- 1 × GSM-R
- 1 × WiFi
- 1 × Ethernet M12
- Power supply 24 V DC
- Mounting into rack
- Design according to EN 50155:2007



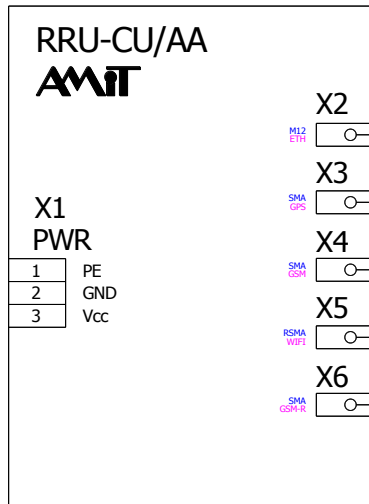
TECHNICAL DATA

GPS	1 ×
Connection point	SMA connector
GSM / LTE	1 × EGSM class 10 / UMTS / HSPA+ / LTE
SIM	1 × miniSIM 2FF
Connection point	SMA connector
GSM-R	Triorail TRM-5
SIM	1 × miniSIM 2FF
Connection point	SMA connector
WiFi	1 × 802.11a/b/g/n, 2.4 GHz
Connection point	RSMA connector
Ethernet interface	1 ×
Communication rate	10 / 100 Mbps
Galvanic isolation	Yes
Connection point	M12 connector according to IEC 61375-3-4 ed.1
Power supply	16.8 V to 33.6 V DC
Maximum power consumption	300 mA @ 24 V DC
Connection point	Connector WAGO 769-103/021-000
Miscellaneous	
Cover	Tube into rack 21 HP × 3 U, IP20
Operation temperature range	-40 °C to 70 °C
Maximum ambient humidity	< 95 % non-condensing
Weight	1.16 kg
Dimensions (w × h × d)	(106 × 128 × 205) mm

ORDERING INFORMATION

RRU-CU/AA	Communication unit, WAGO connector counterpart, Routine test protocol, Insulation test protocol, Certificate of product quality and completeness
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RECOMMENDED DRAWING SYMBOL



CONNECTOR X1 (POWER SUPPLY)

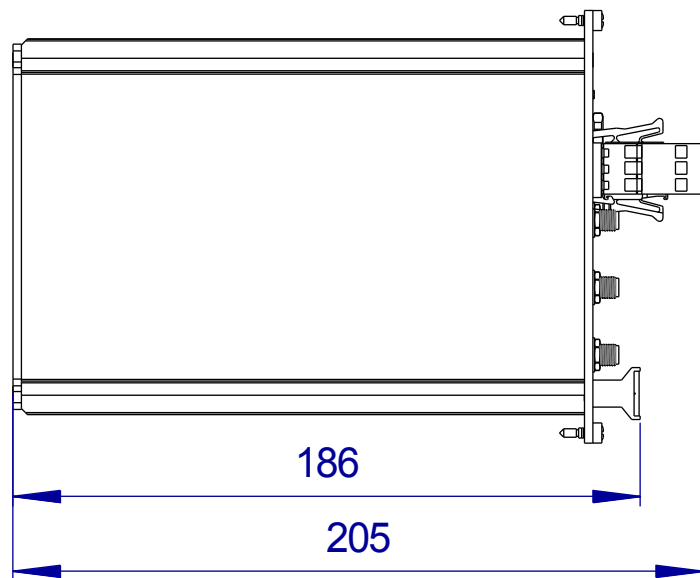
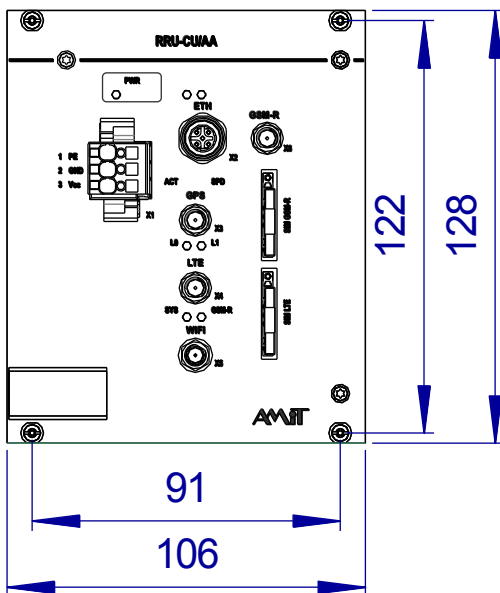
PIN	Signal	Description
1	PE	Unit chassis
2	GND	Power supply, ground
3	Vcc	Power supply , +24 / +36 V DC

CONNECTOR X2 (ETHERNET)

PIN	Description
1	Tx+
2	Rx+
3	Tx-
4	Rx-

MECHANICAL DIMENSIONS

All dimensions are in [mm].



Data provided in this datasheet is tentative.