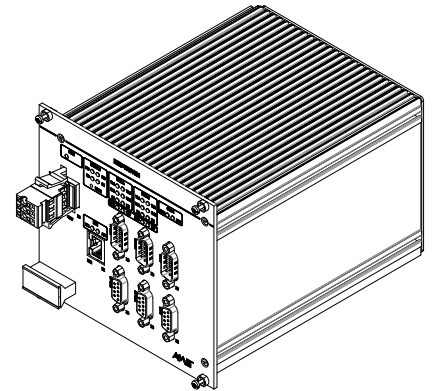


# RRU-WC/1101

WTB / CAN gateway

- 1 × WTB interface (with doubled line)
- 1 × Ethernet for service purposes (connector RJ45)
- 1 × CAN interface (connector concatenation)
- Mounting into 19" subrack
- Power supply 24 V DC
- Design according to EN 50155:2007
- WTB interface meets requirements of IEC 61375-1:2012 standard



## 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 connector fixing by M3 bolt
<b>Ethernet interface</b>	1 ×
Communication rate	100 Mbps
Galvanic separation	Yes ^)
Connection point	RJ45 connector
<b>CAN interface</b>	1 ×
Galvanic separation	Yes ^)
Characteristic line impedance	120 Ω ±10 %
Terminating resistor	External **)
Connection point	2 × D-sub DE-9 (concatenation) 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	WAGO 769-633/003-000 connector
<b>Others</b>	
Ingress protection rate	IP30 ***)
Operating temperature	-40 °C to 70 °C
Storage temperature	-40 °C to 70 °C
Maximum ambient humidity	< 95 % non-condensing
Weight	1.55 kg
Dimensions in standard units (w × h) #)	28 HP × 3 U
Dimensions (w × h × d)	(142 × 128 × 185) 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.

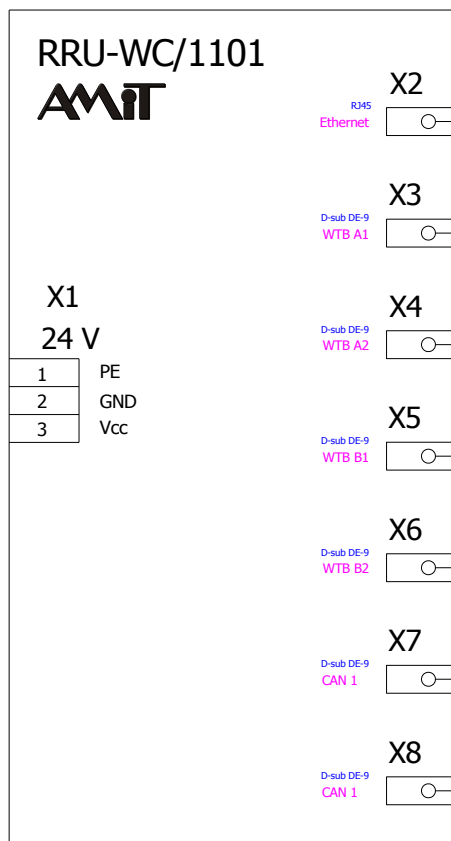
\*\*\*) With all cable connectors plugged and with blank insert inserted in RJ45 connector.

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

## ORDERING INFORMATIONS

<b>RRU-WC/1101</b>	WTB / CAN gateway, WAGO connector counterpart, Routine testing protocol, Insulation testing protocol, Warranty certificate, Operation manual
<b>TRM-CAN/F</b>	Termination module for CAN – socket, Datasheet, Warranty certificate
<b>TRM-CAN/M</b>	Termination module for CAN – plug, Datasheet, Warranty certificate

## RECOMMENDED DRAWING SYMBOL



## TERMINAL'S IDENTIFICATION

Terminal	Connector	Label	Meaning
1	X1	PE	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
	X7	CAN 1	CAN line 1, connector 1
	X8	CAN 1	CAN line 1, connector 2

# RRU-WC/1101

WTB / CAN gateway

## MECHANICAL DIMENSIONS

