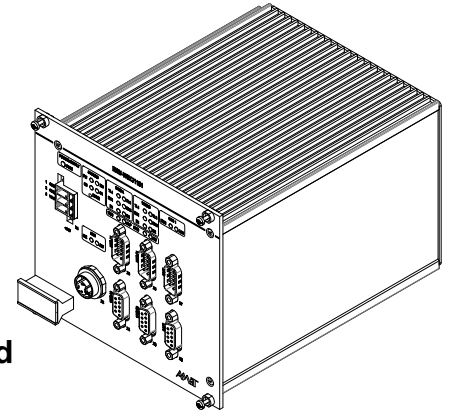


# RRU-WEC/110X

WTB / Ethernet / CAN gateway

- 1 × WTB interface (with doubled line)
- 1 × Ethernet 100 Mbps (M12 type connector)
- 1 × CAN interface (chained connectors)
- Mounting into 19" subrack
- Power supply 24 V DC / 48 V DC / 110 V DC
- Design meets the EN 50155 Ed. 3 standard
- WTB interface meets the IEC 61375-1 Ed. 2 standard



## TECHNICAL DATA

<b>WTB interface</b>	1 × (doubled line)
Data communication rate	1 Mbps ±0.01 %
Galvanic separation	Yes *)
Connection point	4 × D-sub DE-9 connector connector fixing by M3 bolt
<b>Ethernet interface</b>	1 ×
Data communication rate	100 Mbps
Galvanic separation	Yes *)
Connection point	M12 type connector, D-coded
<b>CAN interface</b>	1 ×
Galvanic separation	Yes *)
Characteristic impedance	120 Ω
Terminating resistor	External **)
Connection point	2 × D-sub DE-9 connector (chaining) connector fixing by UNC4-40 bolt
<b>Power supply</b>	
RRU-WEC/1101	24 V DC -30 % to +25 % / 600 mA
RRU-WEC/1105	48 V DC -30 % to +25 % / 325 mA
RRU-WEC/1108	110 V DC -30 % to +25 % / 150 mA
Connection point	WAGO 769-633 connector
<b>Others</b>	
Ingress protection rate	IP20
Operating temperature	-40 °C to 70 °C
Storage temperature	-40 °C to 70 °C
Maximum ambient humidity	< 95 % non-condensing
Weight	1550 g
Dimensions in standard units (w × h) ***)	28 HP × 3U
Dimensions (w × h × d)	(142 × 128 × 185) mm

\*) Insulation strength of galvanic separation is 500 V AC / 1 minute. Galvanic separation must not be used for dangerous parts separation.

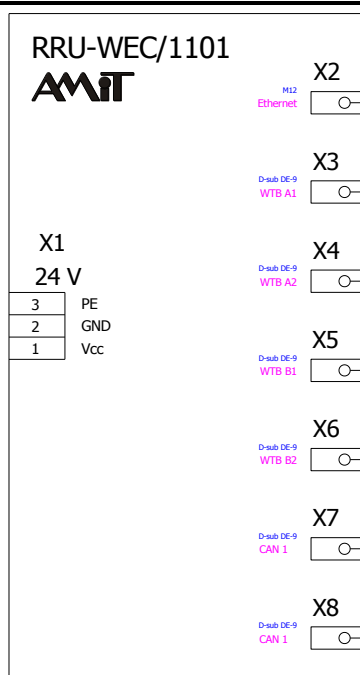
\*\*\*) Terminating resistor is not part of delivery.

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

## ORDERING INFORMATIONS

<b>RRU-WC/1001</b>	WTB / Ethernet / CAN gateway, 24 V DC, WAGO connector counterpart, Operation manual, Routine testing protocol, Insulation testing protocol, Warranty certificate
<b>RRU-WC/1005</b>	WTB / Ethernet / CAN gateway, 48 V DC, WAGO connector counterpart, Operation manual, Routine testing protocol, Insulation testing protocol, Warranty certificate
<b>RRU-WC/1005</b>	WTB / Ethernet / CAN gateway, 48 V DC, WAGO connector counterpart, Operation manual, Routine testing protocol, Insulation testing protocol, Warranty certificate
<b>TRM-CAN/F</b>	Terminating module for CAN interface – female, Datasheet, Warranty certificate
<b>TRM-CAN/M</b>	Terminating module for CAN interface – male, Datasheet, Warranty certificate
<b>M12 04D-MC/A</b>	M12 connector counterpart, male, 4 crimp contacts, D-coded, metal shell

## RECOMMENDED DRAWING SYMBOL



## TERMINALS IDENTIFICATION

Terminal	Connector	Label	Meaning
1	X1	PE	Unit frame
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 2, connector 2

# RRU-WEC/110X

WTB / Ethernet / CAN gateway

## MECHANICAL DIMENSIONS

