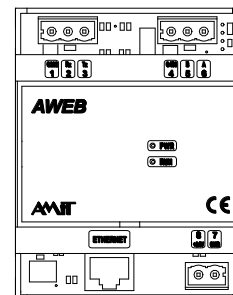


AWEB

Web Server

- **Web server with support of AWS script**
- **Power supply 24 V DC / PoE in accordance with IEEE 802.3af**
- **35 mm DIN rail mounting**



TECHNICAL DATA

RS485	1 ×
Transmission rate	9600 bps to 115200 bps
Overvoltage protection	Transil 600 W
Galvanic separation	No *)
Connection	WAGO231 connector
RS232	1 ×
Transmission rate	9600 bps to 115200 bps
Overvoltage protection	Transil 600W
Galvanic separation	No *)
Connection	WAGO231 connector
ETHERNET	1 ×
Communication rate	10/100 Mbps
Galvanic separation	Yes *) **)
Connection	RJ45 connector
PoE power supply	48 V DC ±10 % (PoE)
Max. power consumption	50 mA at 48 V DC
Galvanic separation	Yes *) **)
Connection	RJ45 connector
Power supply PWR	24 V DC ±20 %
Max. power consumption	100 mA at 24 V DC
Galvanic separation	Yes *) **)
Connection	WAGO231 connector
Others	
Cover protection rate	IP20
Mounting	35 mm DIN rail
Operating temperature	-40 °C to 50 °C
Max. ambient humidity	< 95 % non-condensing
Weight	150 g
Dimensions (w × h × d)	(71 × 90 × 73) mm

*) Ethernet, PoE and power supply are galvanically connected together but separated from the internal electronics. RS232 and RS485 are galvanically connected to the internal electronics.

**) Insulation strength 500 V AC / 1 minute, galvanic separation may not be used for safe and unsafe parts separation.

ORDERING INFORMATION

AWEB	Web server, user's manual, warranty card
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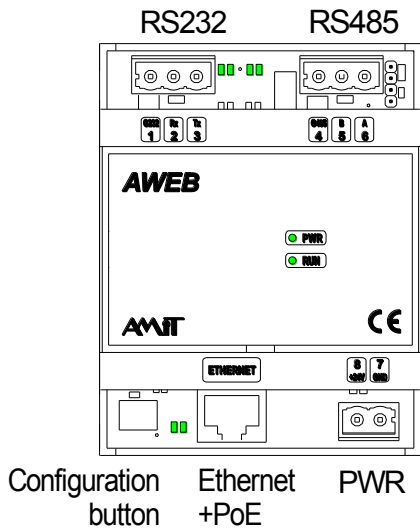
ASSIGNMENT OF CONFIGURATION BUTTON

Procedure	Assignment
Button is not pressed	The unit runs in application mode
Button is pressed for 3 s after switch on	The unit goes to the service mode
Button is pressed for 15 s after switch on	The unit goes to the factory setting

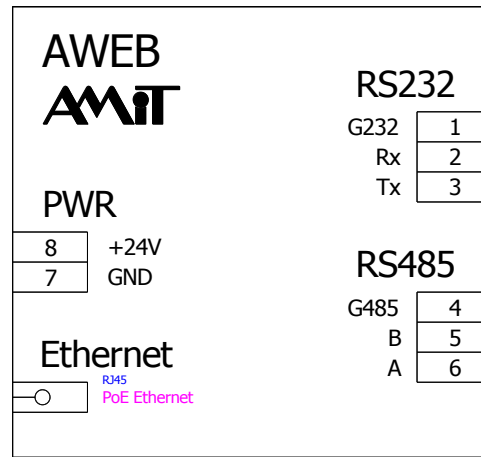
LED ASSIGNMENT

LED	Status	Assignment
PWR	On	The unit is switched on
RUN	Blink with 0,5 s period	The unit loading the application or service firmware
	Blink with 1 s period	The unit works in service or application mode
	On for 5 s	The unit goes to the factory setting.

TERMINAL LOCATION



RECOMMENDED DIAGRAM SYMBOL



RS232 connector

Terminal	Assignment
1	GND for RS232
2	Rx – AWEB receiving data
3	Tx – AWEB transmits data

RS485 connector

Terminal	Assignment
4	GND for RS485
5	Terminal B
6	Terminal A

PWR connector

Terminal	Assignment
7	GND
8	+24 V DC

ETHERNET connector (+PoE)

Pin	Assignment
1	Tx+ / PoE
2	Tx- / PoE
3	Rx+ / PoE
4	PoE
5	PoE
6	Rx- / PoE
7	PoE
8	PoE

G232 (1) terminal is internally connected with G485 (4) terminal.

SUPPLEMENTARY DOCUMENTATIONS

Application note AP0016 – Conventions for using RS485 line (ap0016_en_xx.pdf)
Application note AP0046 – Web server parameterisation (ap0046_en_xx.pdf)
Application note AP0037 – Conventions for using Ethernet network (ap0037_en_xx.pdf)
User's manual – Web server AWEB (aweb_g_en_xxx.pdf)

Documentation and examples are available on www.amit.cz or on company CD.