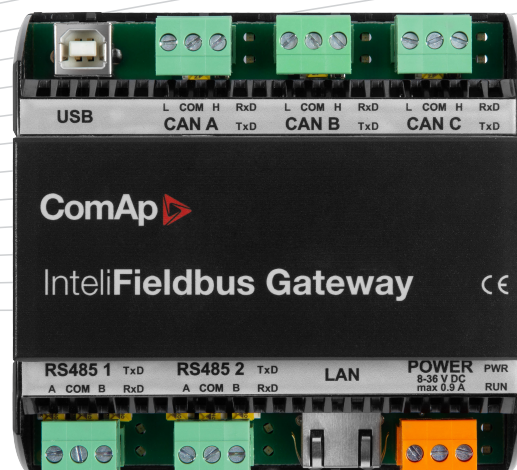


InteliFieldbus Gateway



Order code: CM1IFGATBBB

Communication module

Datasheet

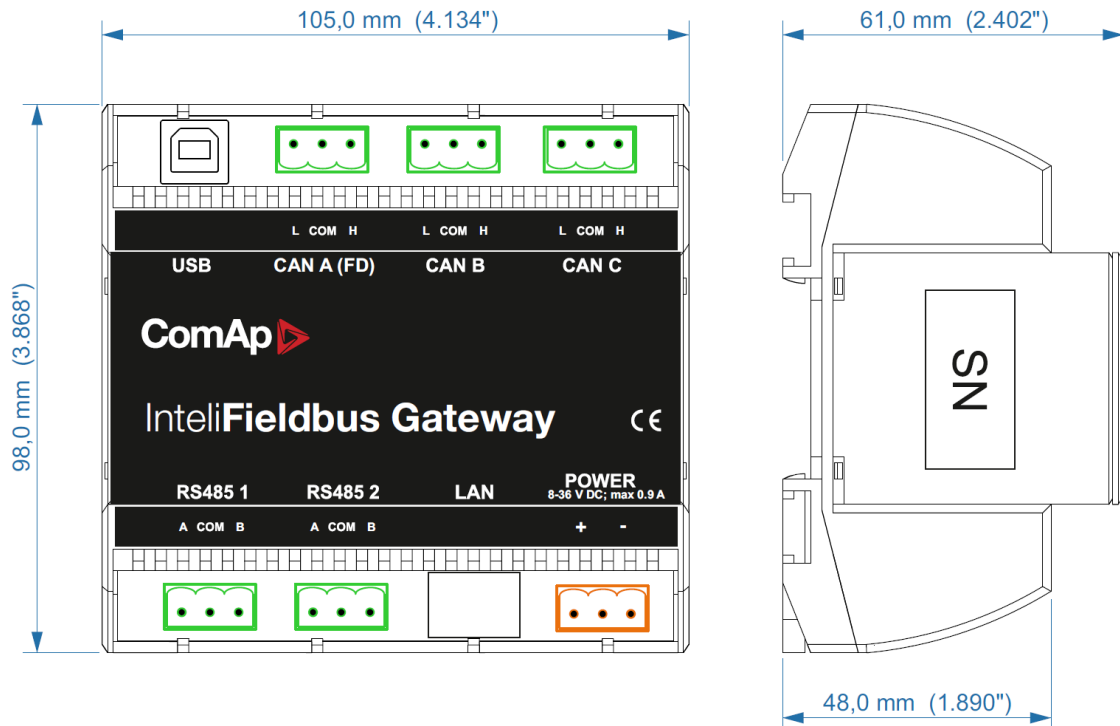
Product description

- ▶ Solution for protocol conversion
- ▶ Connection to the ComAp controller over CAN bus (up to 200m length)
- ▶ Collection of data via Modbus TCP/RTU protocol from 3rd party devices

Key features

- ▶ 1x Ethernet port
- ▶ 2x RS485 port
- ▶ 3x CAN port
- ▶ Modbus TCP protocol, client (Ethernet)
- ▶ Modbus RTU protocol, client (RS485)

Dimensions, terminals and mounting



Unit: mm (inch)

Weight: 190 g

Note: The unit is mounted on DIN rail (35 mm/1.38 in)

Technical data

Power supply

Power supply	8 to 36 V DC
Power consumption	4 W

Operating conditions

Operating temperature	- 20°C to + 70°C
Storage temperature	- 40°C to + 80°C
Operation humidity (norm 60068-2-30)	5 to 95% w/o condensation
Vibration	5 - 25 Hz, ± 1.6 mm 25 - 100 Hz, a = 4 g
Shocks	a = 200 m/s ²

Communication

3x CAN port:	Galvanically separated, built-in terminating resistors are activated by jumper, Nominal impedance 120 Ω
2x RS485 port:	Galvanically separated, built-in balancing and terminating resistors are activated by jumper
1x Ethernet port	RJ45, 100Mbit/s
1x USB device	Non-isolated type B connector

Certificates and standards

- ▶ EN61000-6-2
- ▶ EN61000-6-4
- ▶ UL6200

