

Belimo's gas monitoring devices offer an intelligent peer-to-peer communication protocol that gives users unparalleled flexibility to configure and install a complete ventilation control system with only one monitor or dozens operating in multiple ventilation zones. With field-replaceable sensing elements, on-demand ventilation, stand-alone installation, integrated and lockable LCDs, Belimo's gas monitoring devices are an ideal choice for any application involving vehicle exhaust.



2-year warranty



## Vue d'ensemble

Type	Valeurs mesurées	Nombre de relais	Signal de sortie actif du gaz	Communication
EXT-OP-6002-14-A	CO, NO <sub>2</sub>	1	2x 2...10 V, 2x 4...20 mA	CAN bus, BACnet MS/TP
EXT-OP-6002-14-B	CO, NO <sub>2</sub>	2	-	CAN bus, BACnet MS/TP
EXT-OP-6002-14-C	CO, NO <sub>2</sub>	0	-	CAN bus

## Données techniques

## Caractéristiques électriques

Tension nominale	AC/DC 24 V
Fréquence de tension nominale	50/60 Hz
Plage de tension nominale	AC 17...28 V/DC 17...28 V
Consommation d'énergie CA	5 VA
Consommation d'énergie CC	5 W
Spécifications des câbles	1 paire torsadée blindée 24..18 AWG
Fusible de sûreté	Thermistance à coefficient de température positif, remise à zéro automatique

## Caractéristiques fonctionnelles

Solution	air
Communication	CAN bus BACnet MS/TP
Remarque sur le signal de sortie actif	2...10 V or 4...20 mA output, selectable with jumper
Remarque relative au signal de sortie du relais	1 x SPDT, max. 1.5 A (0.4 A inductif), AC 250 V
Montage	1,3 m [4 pi] au-dessus du plancher
Altitude max.	2 000 m [6 562 pi] au dessus du niveau de la mer
Zone de couverture	Rayon : 15 m [50 pi] Superficie : 700 m <sup>2</sup> [7500 pi <sup>2</sup> ] Il ne peut y avoir d'obstacles tels que des murs, des escaliers, des ascenseurs, des étagères pleines, des coffres à outils, etc.
Affichage	ACL, avec rétro-éclairage, Teneur en gaz, état du système
Alarme	Alarme sonore, 85 db à 1 m [3.3 ft]

## Données de mesure

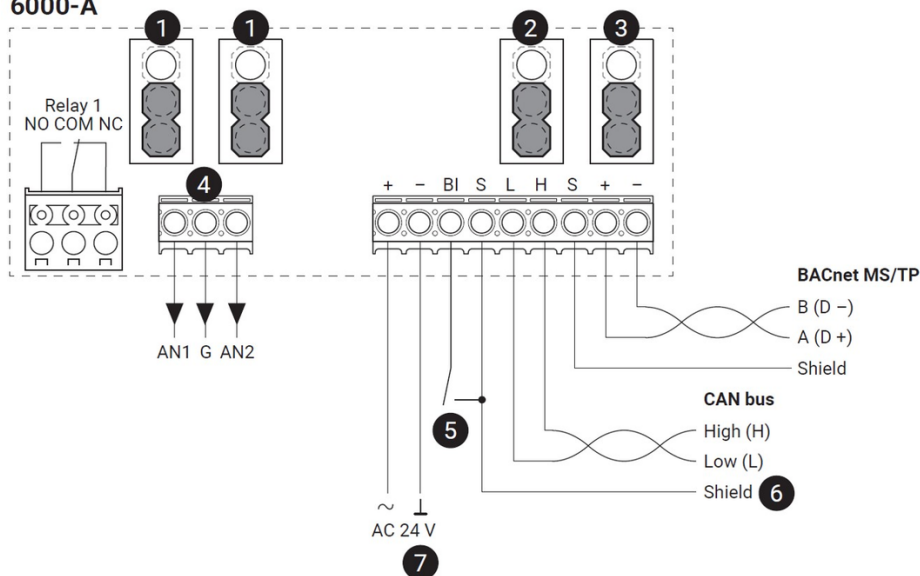
Valeurs mesurées	CO NO <sub>2</sub>
Plage de mesure du gaz	CO : 0...100 ppm NO <sub>2</sub> : 0...10 ppm

<b>Matériaux</b>	Boîtier	ABS polycarbonate résistant à la flamme UL-94-V0 et UL-94-5VA pour utilisation en intérieur
<b>Données de sécurité</b>	Humidité ambiante	80 % max. humidité relative, sans condensation
	Température ambiante	-20...40°C [-4...104°F]
	Classe de protection CEI/EN	II, Isolation renforcée
	Classe de protection UL	II, Isolation renforcée
	Homologation UL	CAN/CSA 205-2017, CAN/CSA 22.2 No. 152, BTL
	Degré de pollution	2

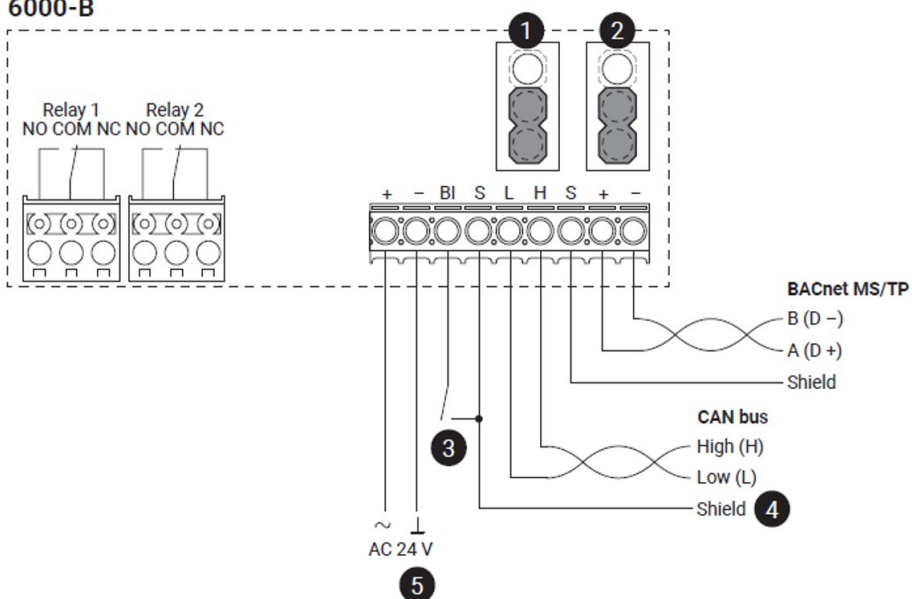
## Accessoires

Module de communication	Description	Type
	Communication Module, CAN bus, BACnet MS/TP, 1 x SPDT, max. 1.5 A (0.4 A inductif), AC 250 V	EXT-OP-6000-A
	Communication Module, CAN bus, BACnet MS/TP, 2 x SPDT, max. 1.5 A (0.4 A inductif), AC 250 V	EXT-OP-6000-B
	Communication Module, CAN bus	EXT-OP-6000-C
	Communication Module, Ventilated Cover, CAN bus, BACnet MS/TP, 2 x SPDT, max. 1.5 A (0.4 A inductif), AC 250 V	EXT-OP-6000-BVC
Accessoires mécaniques	Description	Type
	Alarm Horn	EXT-OP-5000-AL
	Splash Guard, Wall mount	EXT-OP-6000-BT
	Splash Guard, Duct Mount	EXT-OP-6000-GN



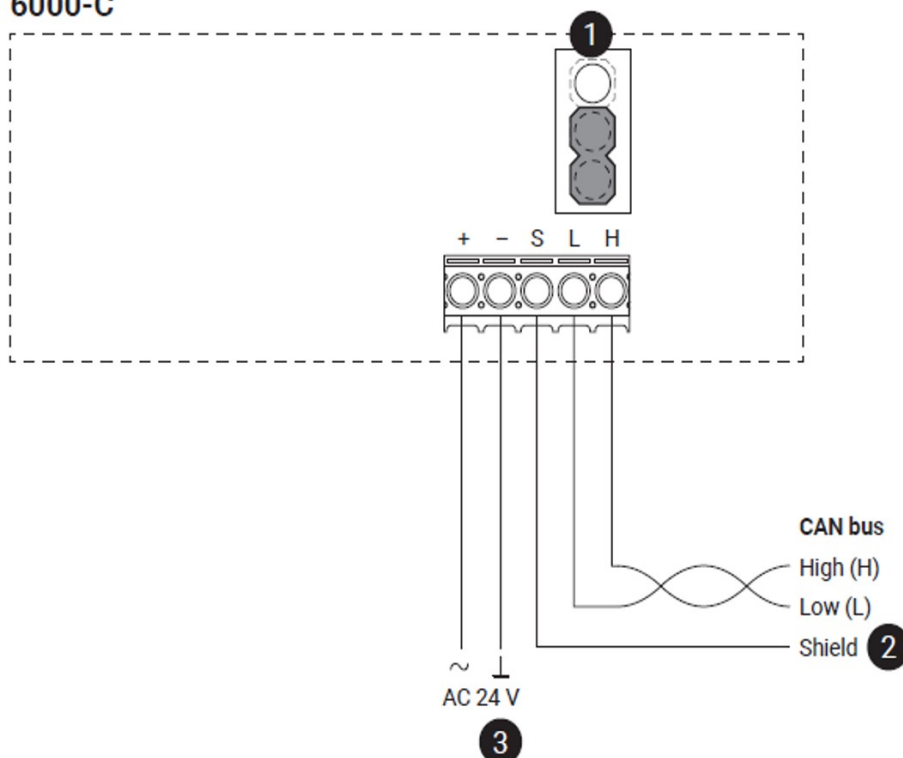
**6000-A**


- 1** Down position: 2...10 V (factory setting)  
Up position: 4...20 mA
- 2** End of line (EOL) jumper: CAN bus  
Down position: Termination OFF (factory setting)  
Up position: Termination ON (first and last unit only should have this jumper in the up position)
- 3** End of line (EOL) jumper: BACnet MS/TP  
Down position: Termination OFF (factory setting)  
Up position: Termination ON (first and last unit only should have this jumper in the up position)
- 4** Analogue output
- 5** Binary input to limit switch
- 6** Shield connected at the 1<sup>st</sup> unit only, at others only looped through
- 7** No connection to the ground

**6000-B**


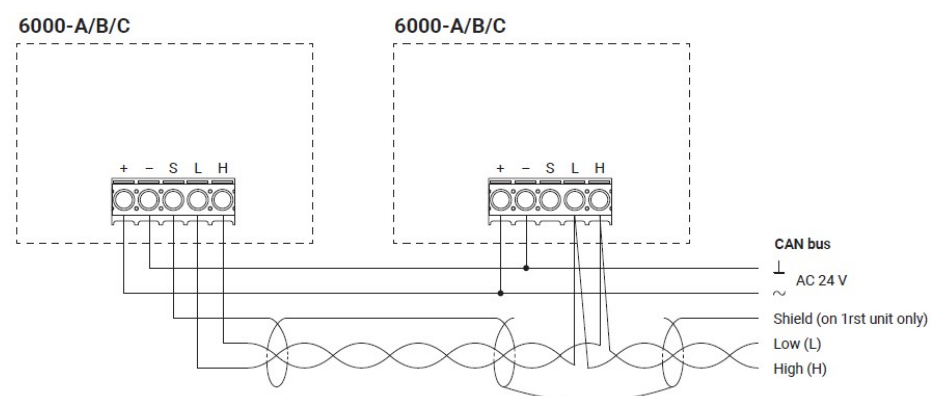
- 1 End of line (EOL) jumper: CAN bus  
Down position: Termination OFF (factory setting)  
Up position: Termination ON (first and last unit only should have this jumper in the up position)
- 2 End of line (EOL) jumper: BACnet MS/TP  
Down position: Termination OFF (factory setting)  
Up position: Termination ON (first and last unit only should have this jumper in the up position)
- 3 Binary input to limit switch
- 4 Shield connected at the 1<sup>st</sup> unit only, at others only looped through
- 5 No connection to the ground

## 6000-C

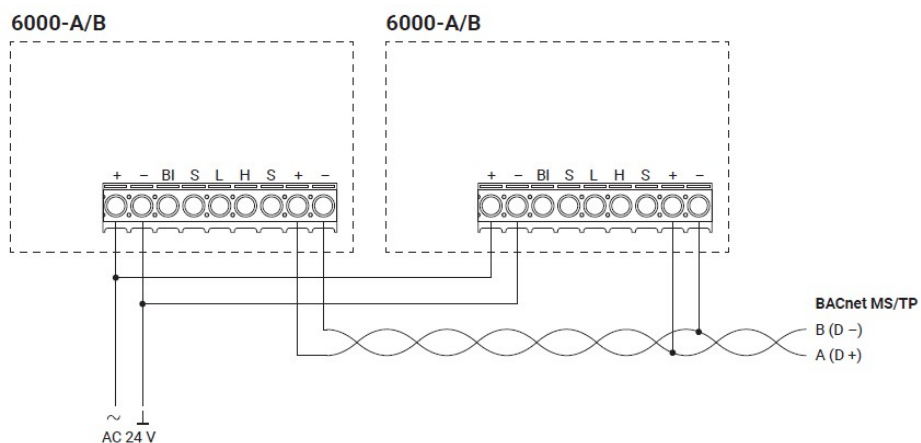


## Câblage du bus CAN

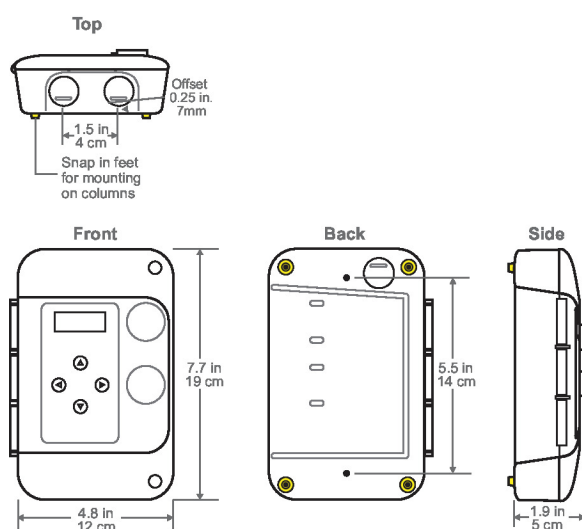
### CAN bus



## Raccordement RS485 BACnet MS/TP



## Dimensions



## Type

## Poids

EXT-OP-6002-14-A	0.99 lb [0.45 kg]
EXT-OP-6002-14-B	0.99 lb [0.45 kg]
EXT-OP-6002-14-C	0.99 lb [0.45 kg]