



SBEb - Gateway EnOcean/CAN.

INTRODUCTION

The SBEb acts as a gateway between a range of wireless limit switches using EnOcean® technology and Lindinvent's CAN loop.

APPLICATION AREA

With SBEb connected to Lindinvent's CAN loop, battery-operated and wireless limit switches can be installed to activate the interlock function that temporarily suspends ongoing normal climate control when windows or similar are opened. Switches are wirelessly linked and assigned to a climate control zone. Up to 16 switches can be configured per SBEb.

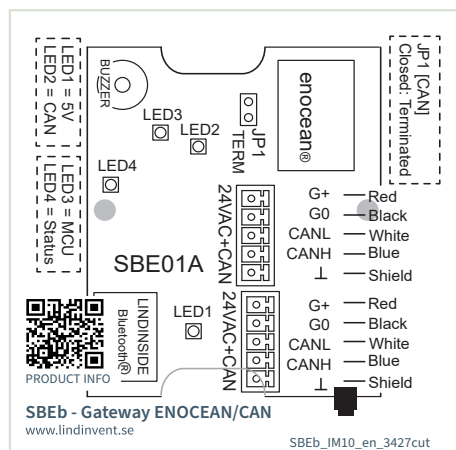
USER INTERFACE

- Direct communication with the device via the mobile application LINDINSIDE
- Via network connection to Lindinvent's central unit with LINDINSPECT® and the RemoteSDU module

LINDINSPECT® is Lindinvent's web-based tool for administration and visualization, which, together with system software and additional modules, is installed on Lindinvent's central unit.

SUPPORTED EQUIPMENT (ENOCEAN)

- Window handles
- Window and door opening switches
- Light switches
- Card readers



External Connection Diagram for SBEb

TECHNICAL SPECIFICATIONS

General

Dimensions without antenna: 86 x 86 x 39 mm
Enclosure material: PP
Enclosure color: White
Circuit board: FR4
Net weight: 0.1 kg
IP rating: IP65

Temperature Limits

Operation: 10°C to 40°C; <85% RH
Storage: -20°C to 50°C; <90% RH

EnOcean®-Module

Indoor range: Up to a maximum of 30 meters
 Up to 16 battery-operated and wireless limit switches can be connected

Electrical System

Supply voltage: 24 VAC
Power: 0.75 VA
CE marking: Complies with EMC and low voltage directives

Connections

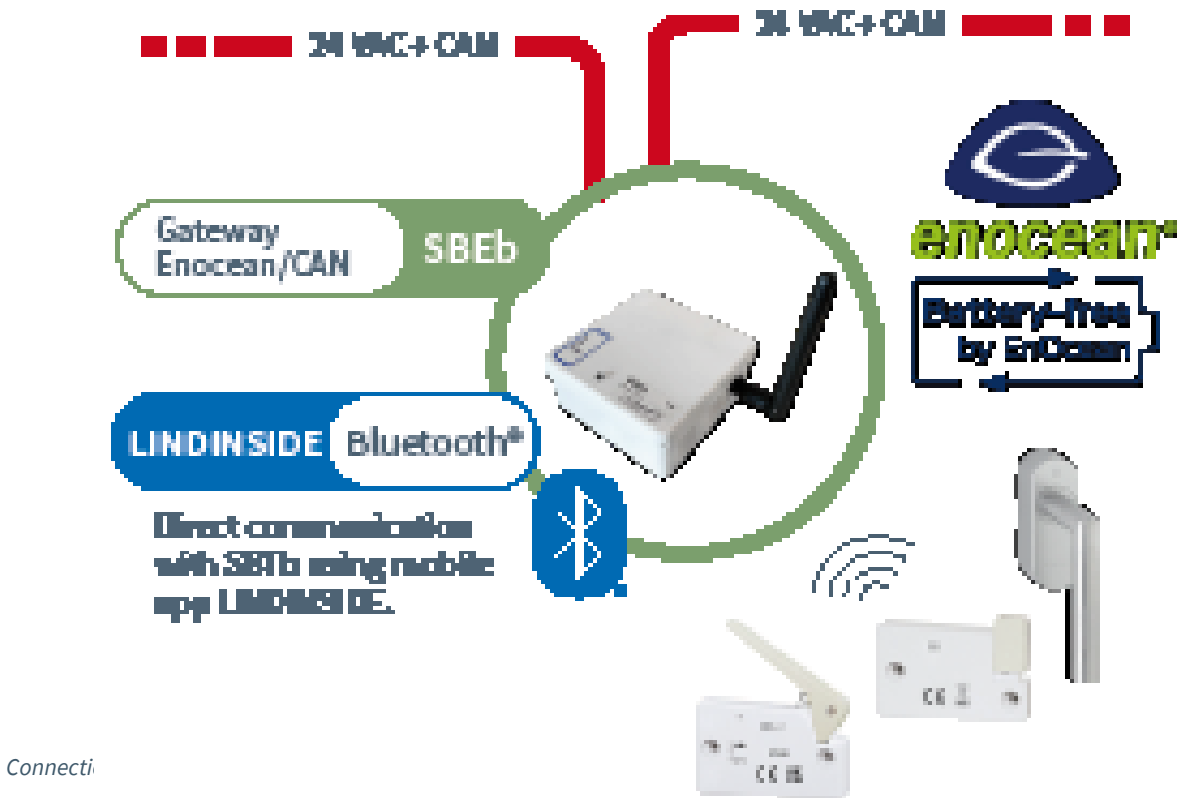
- Terminal block x 2: 24 VAC + CAN (CAN loop)
- EnOcean® radio module
- Bluetooth® radio module

COMMISSIONING

Settings in SBEb and the relevant climate control regulator:

- The magnet contact zone is specified in the climate control system.
- SBEb is assigned its Node ID on the current CAN loop.
- Pairing with identification of limit switches via LINDINSIDE and connection to SBEb.

CONNECTION DIAGRAM



Connecti

SUPPLEMENTARY PRODUCT DOCUMENTATION

Documents can be accessed at www.lindinvent.com or upon request.

Document	Comment
Installation instructions	Fasten via holes in the bottom of the box. The box has a "snap-on" lid.
Commissioning instructions	None available. See instructions here in the product description or other documentation for LINDINSIDE.
Maintenance instruction	Considered maintenance-free.
External connection diagram	See illustration with the connection mark for SBEb.
Environmental product declaration	For assessment at Byggsvarubedömningen in Sweden.
AMA text	None available.