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Technical Data

Input voltage	24 V DC
Output voltage	24 V DC

ARTICLE INFO

The BUS Interface **BI-100-KNX** consists of the BI-100-MB module with ModBus output and a certified **ModBus-KNX gateway.**

The bundle can be integrated in a M-SHEV or M-VENT for digital control via the building control system on KNX standard. KNX is a field bus for building automation.

The functionality of the BI-100 is fully provided and consists of up to 32 virtual fan buttons, which can be freely parameterized in their priority and assignment via SICO LINK. They can be assigned to the different motor relays MR-120 in different priority. Furthermore, all status and condition information of the control are available for call up and visualization.

The BI-100 controls via KNX or ModBus only commands for controlled natural ventilation. Triggering for SHE is done wired via manual release button, smoke detector or fire alarm system. Various ventilation concepts for window automation can be implemented via BI-100 using the building management system. The KNX certified gateway can be integrated into the KNX building control system in a standardized way and parameterized by the authorized partner.

Functions of the BI-100-KNX:

- **compact KNX/Modbus gateway** with 250 freely configurable channels (KNX data points)
- easy integration of Modbus devices in KNX installations
- It can be used as Modbus master or slave

TECHNICAL DATA

Matchcode	BI-100-KNX
Article name	BUS Interface BI-100-KNX
Part number	ST4 3389
Input voltage	24 V DC
Output voltage	24 V DC
Weight	0.248
Housing type	Plastic
Appliance class	I
Environment temperature range	-5 °C - 40 °C