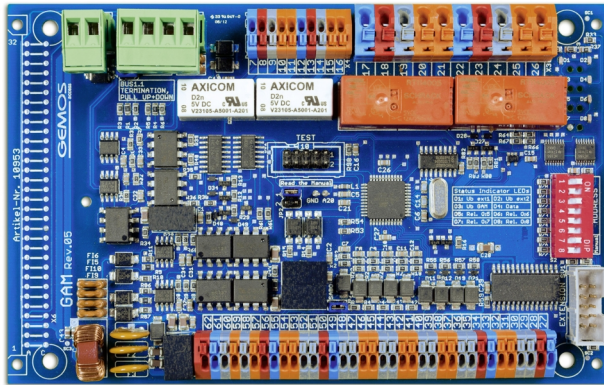


GEMOS access door module

GEMOS hardware



GEMOS access door module for installation in the GEMOS Box or for mounting on the GEMOS DIN rail mounting plate

The GEMOS access door module (GAM) is controlling access points.

Readers, escape door systems, magnetic and Bolt contacts, door openers etc. for up to two access points can be connected directly.

The functions can be configured via software. For typical cases there is a selection of sample configurations.

Available as euroboard for installation in the GEMOS Box or for mounting on the GEMOS top-hat rail support plate.

Features

- 2 connections for the GEMOS universal bus (RS-485), separated electrically
- 128-bit-AES encrypted transmission on the GEMOS universal bus (optional)
- Increased availability through redundant bus connection (optional)
- 1 connection bus reader, electrically separated (optional encrypted communication)

GEMOS DIN rail mounting plate and GEMOS Box (accessories)

- 1 bus connection for third-party systems, electrically separated, e.g. escape door system GU-BKS
- 4 logic inputs, e.g. for 2 Wiegand- or MagStripe readers
- 4 universal inputs, software programmable as digital, differential or multi-state line, signal lines configurable for voltage or resistance measurement
- 1 sabotage contact monitoring, connection of a lid contact possible
- 2 bipolar optocoupler inputs
- 4 relay (changeover contact)
- 8 Diagnosis LEDs
- 4 multifunctional outputs: Switching can be configured either to supply voltage or to earth potential, e.g. for reader LED
- also available as variant GAM rack with VG ledge (20005) for installation in the GEMOS 19" rack (20009)



Technical specifications

Product	GEMOS access door module
Power supply	9 to 30 V DC
Power consumption	typically approx. 1.5 W, max. 3.6 W
Connections	3 GEMOS universal bus RS-485, electrically separated, via plug connector with screw terminal 1 RS-485 bus connection, electrically separated, via WAGO plug-in terminal 4 logic inputs up to 30 V DC via WAGO plug-in terminal 4+1 universal inputs with resistance measurement or voltage measurement up to 30 V DC via WAGO plug-in terminal 2 bipolar optocoupler inputs 5 to 30 V AC/DC via WAGO plug-in terminal 2 relay outputs up to 30 V DC 2.0 A via WAGO plug-in terminal 2 relay outputs up to 30 V DC 0.5 A via WAGO plug-in terminal 4 multifunctional outputs up to 0.2 A via WAGO plug-in terminal
Dimensions W x H x D	160 mm x 21 mm x 100 mm
Weight	approx. 0,2 kg
Operating temperature range, moisture range	0 to 70 °C, 10 to 90 % non-condensing humidity
Storage temperature range, moisture range	-10 to 70 °C, 10 to 90 % non-condensing humidity
Warnings	Observe the warnings in the manual. Operate indoors only.
Disposal	To be treated as electronic waste according to WEEE
Article number	20006
Order number / article number SAP	ELA-G-20006 / B-55352-00-0-6
EAN	4015540962810

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