TROVIS 6600 Automation System
Input Module TROVIS 6625

Application
Input module for connection to TROVIS 6610 CPU Module
The input module records the binary input signals from the connected sensors. Digital signals are sent over the bus to the CPU module for processing.

The input module has 20 binary inputs.
- Binary inputs optionally as NC or NO contacts, LEDs for status indication
- Use with internal power supply or external power supply
  - Internal power supply: 18 to 33 V DC
  - External power supply: max. 24 V DC (+15 %)

Interfaces:
- I/O bus (RS-485)

Other features
- Auxiliary power and I/O bus both galvanically isolated from the module
- Inputs can be directly applied to the module terminals
- Status LEDs for operation and malfunction

TROVIS® Electronics from SAMSON

Member of BACnet® Interest Group Europe

Fig. 1 · TROVIS 6625 Input Module

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Data Sheet **T 6625 EN**

Technical data

Power supply	Supply voltage	24 V AC (20.4 to 27.7 V AC)
	Frequency range	48 to 62 Hz
	Power consumption	8 VA
	Connection	2-pin screw clamp terminal (green) Max. 2.5 mm² wire cross-section
Temperature range	Operation	0 to 55 °C
	Storage and transportation	–20 to 70 °C
	Humidity class	Normal, no dew formation
Electromagnetic compatability	Noise emission	According to EN 61000-6-3
	Noise immunity	According to EN 61000-6-2
Device safety	Class of protection	II according to EN 61140: 2003
	Overvoltage category	II according to EN 60664-1
	Degree of contamination	2 according to EN 60664-1
	Degree of protection	IP 20 according to EN 60529
Installation	Dimensions including terminals	W x H x D: 110 x 130 x 60 (in mm)
	Weight	Approx. 0.5 kg
	Mounting	On rails (all DIN and EN types)
	I/O connections	Screw clamp terminals Max. 2.5 mm² wire cross-section
20 binary inputs **Note:** There is no galvanic isolation between inputs!	When used as internally powered binary inputs	
	Power supply to binary inputs	Internally powered/18 to 33 V DC
	LED on the module	LED on when R < 50 Ω LED off when R > 10 kΩ
	When used as externally powered binary inputs	
	Power supply to binary inputs	24 V DC (+15 %)
	Input resistance	Approx. 8kΩ
	LED on the module	LED on when > 20 V DC LED off when < 8 V DC
Indicators	LED status indication	Binary input Module operation and malfunction Communication (Rx/Tx)
Interfaces I/O bus	Specification	RS-485 · 2-wire, polarity insensitive
	Galvanic isolation	Yes
	Transmission rate (kBit/s)	9.6, 19.2, 38.4, 57.6, 115.2 (automatic adaptation to Baud rate in CPU module)
	Protocol	SAMSON
	Connection	3-pin screw clamp terminal (green) Max. 2.5 mm² wire cross-section

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