

Universal Interface Module UIM



Features:

- EN 54-16 certified
- Two analog audio inputs/outputs
- 48 contacts freely programmable as inputs and outputs
- Digital Audio link (DAL) to DOM

Part-No.: 583331.21

The universal interface module serves as the interface module of the VARIODYN D1 public address system for connecting two analog audio inputs, two analog audio outputs, as well as 48 control contacts. For eight control contacts, short-circuit and interruption monitoring can be activated. The UIM is connected to the VARIODYN D1 module DOM via the DAL bus. It digitizes two analog audio inputs, i.e. from a CD player or a hazard detection system, and transmits the digitized audio data to the VARIODYN D1 module DOM via the DAL bus. In order to transmit all played messages to an external device, for instance, two outputs are available as analog audio sources. The 48 contacts can serve as contact inputs or as contact inputs. This allows for an external control of the VARIODYN D1 system, and information about the status of the system is made available.

Audio output

Nominal level	0 dBu
Transmission range	20 Hz ... 22000 Hz
Harmonic distortion at nominal level	0,05 %
Output impedance	200 Ω / 200 Ω (XLR / Cinch, potential free)

Audioinput

Nominal level	0 dBu
Transmission range	20 Hz ... 22000 Hz

Common technical data

Current consumption @ 24 V DC	150 mA
Outputs	36 V DC/50 mA
Ambient temperature	-5 °C ... 55 °C
Air humidity	< 93 % (non-condensing)
Weight	approx. 3,6 kg
Dimensions	W: 483 mm H: 44 mm D: 345 mm (1 HE, 19")

Accessories:

583401.21	Signal cable 12 for UIM
583481A	Patch cable CAT5, 1 m blue (DAL)
583482A	Patch cable CAT5, 2 m blue (DAL)
583483A	Patch cable CAT5, 3 m blue (DAL)
583703	Mounting set 1
583332	Overvoltage protection module for UIM-contacts