

503 AV Interface



The 503 AV Interface is a DIN-rail mounted device that provides two-way communication between a serial RS232 port on a personal computer, or AV system, and:

- DIGIDIM/DALI systems (standalone or programmed with Toolbox or with Helvar's 924 LCD TouchPanel).
- Helvar's 905 DIGIDIM Router
- Helvar's 910 DIGIDIM Router
- Helvar's 920 Imagine Router

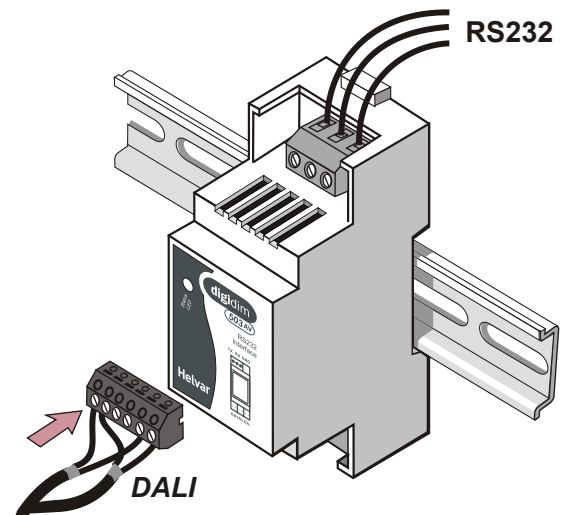
The AV Interface enables external serial devices to have basic control over the system, as well as make basic queries on the system status. For this purpose, the system commands are documented and openly available from Helvar.

The AV Interface has full optical isolation between the system and the serial RS232 port.



Key Features

- Status LED
- Bi-directional serial interface for basic system monitoring and control
- Terminal blocks for DALI and RS232 wiring
- Powered from DALI bus



Technical Data

Connections

DALI cable: 2-wire 0.5 mm² – 1.5 mm² stranded (max. length 300 m)

RS232 cable: 0.5 mm² – 2.5 mm² stranded
0.5 mm² – 4 mm² solid

Power

DALI consumption: 15 mA

Mechanical data

Dimensions: 35 mm × 90 mm × 58 mm

Weight: 80 g

IP code: IP30

Operating and storage conditions

Ambient temperature: 0 °C to +40 °C

Relative humidity: 90 % max, noncondensing

Storage temperature: -10 °C to +70 °C

Conformity and standards

DALI: IEC 62386, with Helvar additions

EMC emission: EN 55 015

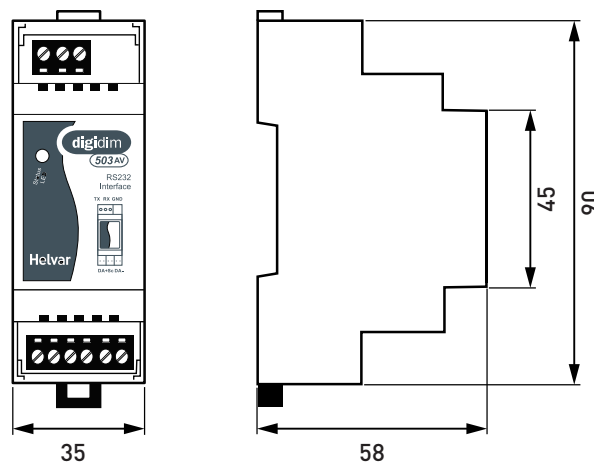
EMC immunity: EN 61 547

Safety: EN 61347-2-11

Isolation: 3 kV

Environment: Complies with WEEE and RoHS directives.

Dimensions (mm)



Connections

