

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:

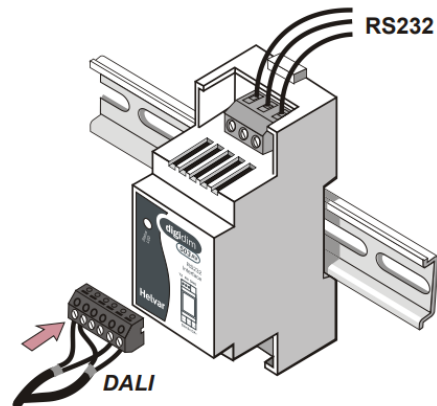
- DIGIDIM/DALI systems (standalone or programmed with Toolbox or with Helvar's 924 LCD TouchPanel).
- Helvar's 905 DIGIDIM Router
- Helvar's 910 DIGIDIM Router
- Helvar's 920 DIGIDIM Router

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.

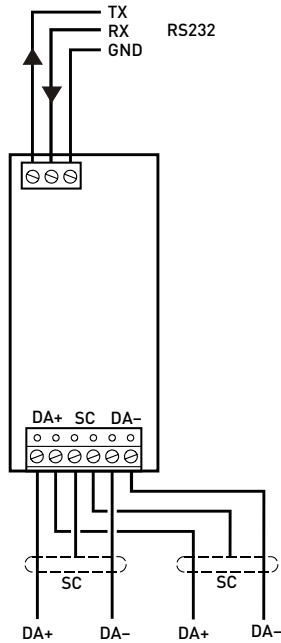
The AV Interface has full optical isolation between the system and the serial RS232 port.

Key Features

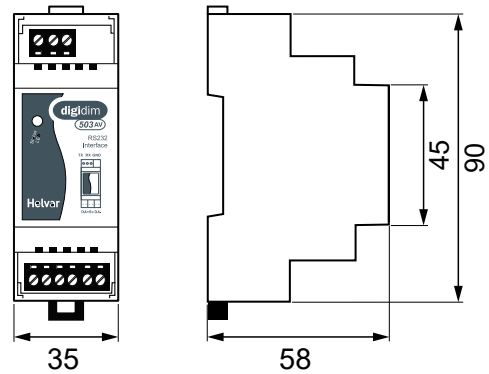
- Status LED
- Bi-directional serial interface for basic system monitoring and control
- Terminal blocks for DALI and RS232 wiring
- Powered from DALI bus



Connections



Dimensions (mm)



Technical Data

Connections	
DALI cable:	2-wire 0.5 mm ² – 1.5 mm ² stranded (max. length 300 m)
RS232 cable:	0.25 mm ² – 2.5 mm ² stranded

Electrical data	
DALI consumption:	15 mA
Isolation:	3 kV

Operating and storage conditions	
Ambient temperature:	0 °C to +40 °C
Relative humidity:	Max. 90 %, noncondensing
Storage temperature:	-10 °C to +70 °C

Mechanical data	
Dimensions:	35 mm x 90 mm x 58 mm
Weight:	80 g
IP rating:	IP30

Conformity and standards	
Conformity:	
DALI:	IEC 62386, with Helvar extensions
EMC emission:	EN 55015
EMC immunity:	EN 61547
Safety:	EN 61347-2-11
Environment:	Complies with WEEE and RoHS directives.