

M005

DL (Sauter EY2400) / RS232 converter



Summary

M005 is a data converter of the DL bus (two-wire communication bus Sauter for the controllers of the series EY2400) to RS232. Interface RS232 is connected by three screw terminals.

Application

- **Integration of controllers of the EY2400 series into PLC or visualisation through a RS232 interface**

Function

The DL bus with up to 20 Sauter controllers can be connected to a process station with a corresponding driver (e.g. Domat IPCB.1, IPCT.1 or IPLC510) or the master system (e.g. RcWare Vision-x) through a RS232 communication line. The configuration of the converter is fully automatic – no manual configuration is necessary.

The device is installed on a DIN rail. To connect the Sauter bus, there are 2 pairs of screw terminals for comfortable mounting.

Technical data

Power supply	230 V AC, 50 Hz
Consumption	max. 4 VA
Ambient temperature	-20 ÷ 70°C
Relative humidity	5% ÷ 95% non-condensing
DL	according to standard Sauter, max. 20 controllers
Maximum DL bus length	1200 m

Max. number of controllers on DL bus	20
Maximum RS232 bus length	15 m, according to standard RS232C
LED	2x, green Tx, yellow Rx
Dimensions	53 x 90 x 58 mm, see below

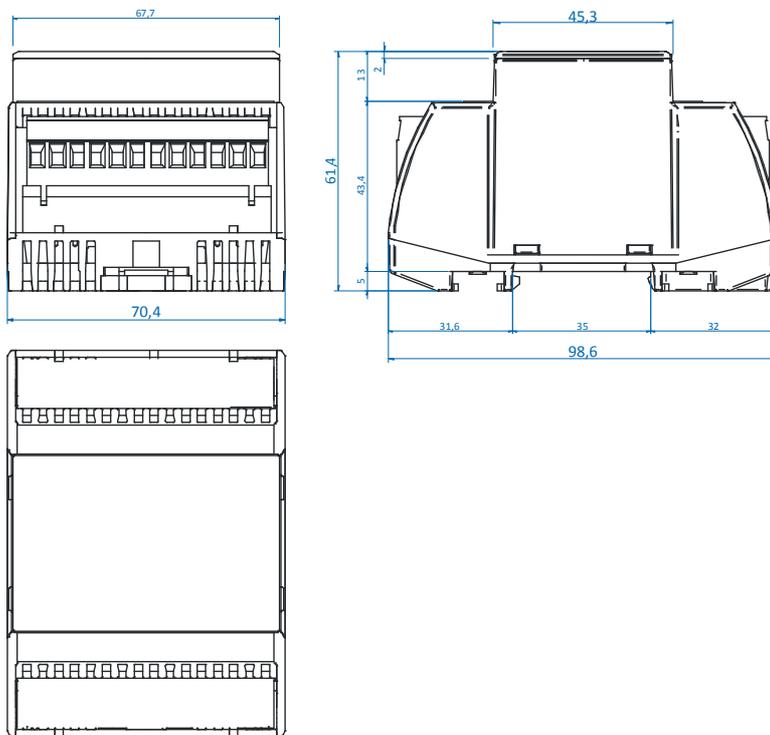
Terminals, LEDs

L	power supply 230 V AC line
N	power supply 230 V AC neutral
+L/A	DL bus, positive cable
-D/B	DL bus, negative cable
TxD	RS232, transmit
GND	RS232, ground
RxD	RS232, receive

RS232 Cannon 2: RxD, 3: TxD, 5: GND

LED RxD (green) activity – receive from RS232
 LED DL (yellow) activity – receive from DL bus

Dimensions



Related products

IPCB.1	process station SoftPLC, no display
IPCT.1	process station SoftPLC, with touchscreen monitor
IPLC510	process station MiniPLC
RC-Vision-x	SCADA software
RC-SoftPLC	runtime SoftPLC for Windows platform