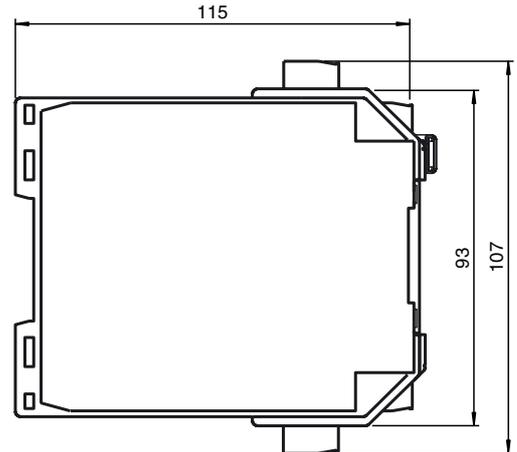
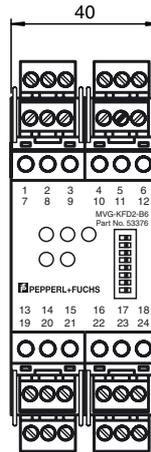




Dimensions



Model number

MVG-KFD2-B6

Bus coupler for PROFIBUS DP

Features

- Complete read/write functionality via the PROFIBUS DP
- Transmission of 2 words, 16 bit each, in one cycle
- Connection of fieldbus and serial interface by means of removable terminals
- 4 LEDs as indicators for the connection identification system
- 1 LED for the field bus connection; bus wires "IN" galvanically isolated from the device supply

Function

The bus coupler acts as a coupling module in the KF-housing via which the identification system IDENT-M System V can be connected to the PROFIBUS-DP. For this purpose, the serial interface (RS 422 / RS 485) of the bus coupler is connected to the control interface unit of the identification system and the field bus connection is connected to the PROFIBUS-DP.

The identification system is operated as a slave on the PROFIBUS-DP via the bus coupler and provides full read/write functionality.

A maximum of 31 words, each 16 bits, can be transmitted as data.

A total of 16 PROFIBUS-DP modules of varying lengths are defined. Depending on command length and the data to be transmitted, the appropriate modules can be selected via the GSD file.

Matching system components

MVI-D2-2HRX

Control interface unit

Technical data

General specifications

Installation  
Series

Indicators/operating means

DIP-switch	setting the station address
Rotary switch	bus termination 0 = not active 1 = active

Electrical specifications

Rated operational voltage	$U_e$	18 ... 35 V DC , ripple 10 % <sub>SS</sub> , PELV
Current consumption		< 180 mA / 24 V DC
No-load supply current	$I_0$	≤ 110 mA

Interface 1

Connection of	identification system
Physical	RS 422 / RS 485
Protocol	ASCII

Interface 2

Protocol	PROFIBUS DP acc. to EN 50170
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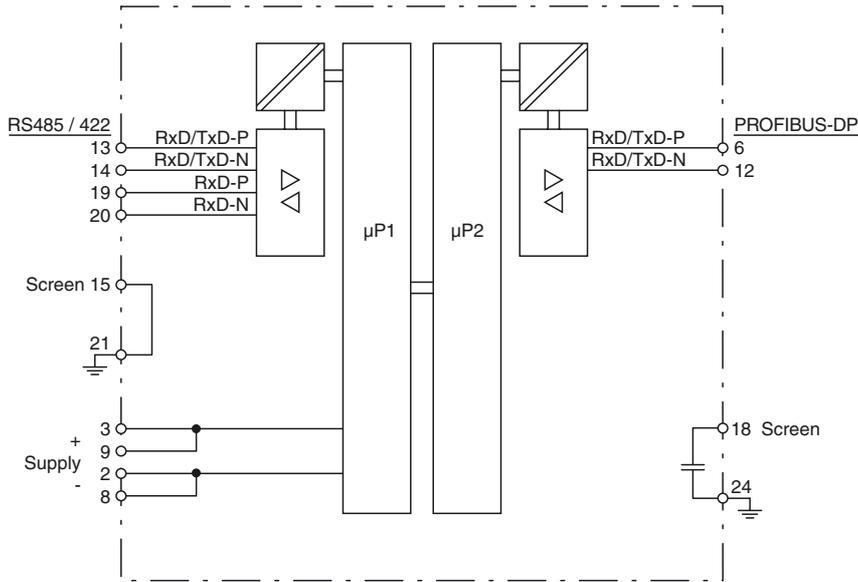
Ambient conditions

Ambient temperature	-25 ... 70 °C (248 ... 343 K)
Storage temperature	-25 ... 85 °C (248 ... 358 K)
Climatic conditions	air humidity max. 75 %

Mechanical specifications

Protection degree	IP20 according to EN 60529
Connection	removable self-opening instrument terminals, max. conductor csa 2 x 2.5 mm <sup>2</sup>
Material	
Housing	Makrolon 6485
Construction type	K-system, 40 mm (2 TE)

Electrical connection



Indicating/operating means

