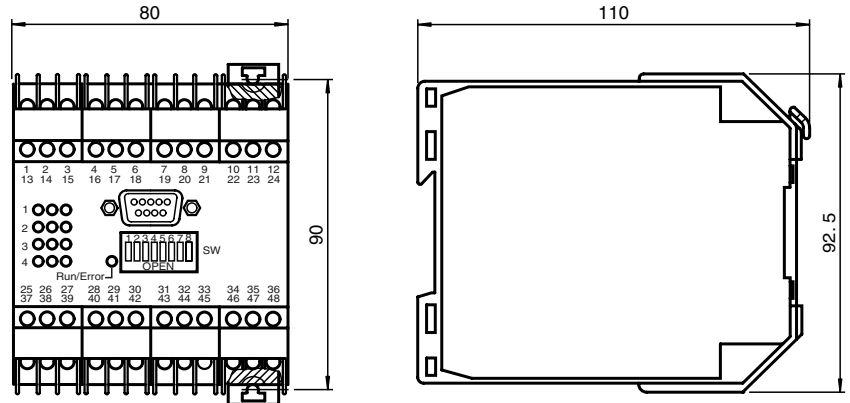




Dimensions



Model number

IRI-KHA6-4HB6

Control interface unit for PROFIBUS DP

Features

- PROFIBUS DP acc. to EN 50170
- 4 read heads can be connected
- Transmission of all read fix codes in one cycle
- Address adjustment via DIP switches
- Connectable bus termination
- 3 LEDs per read head for function indication
- LED for power on / bus communication

Function

The control interface unit is operated as a slave on the PROFIBUS-DP. Up to 4 read heads can be connected to the control interface unit. All read heads connected to the device are detected and the codes which are read in transmitted in a cycle.

The address is set via DIP switches, and the terminating resistor for the bus is connected via a rotary switch.

Software

The GSD file is included in the scope of delivery.

Technical data

General specifications

Number of read heads	max. 4
Series	

Indicators/operating means

LED green	read head active (4 LEDs, 1 per head)
LED yellow	code carrier detected (4 LEDs, 1 per head)
LED red	reserved (4 LEDs, 1 per head)
LED red/green	device status
	permanent green: device operational / bus communication active
	red-green flashing: device operational / bus communication faulty
	permanent red: device errors
DIP-switch	setting the station address
Rotary switch	bus termination
	0 = not active
	1 = active

Electrical specifications

Rated operational voltage	U_e	85 ... 253 V AC , 50 < > ... < > Hz
Current consumption		60 mA
No-load supply current	I_0	≤ 35 mA , with active read head 45 mA
Power consumption	P_0	12 W

Interface

Physical	RS 485
Protocol	PROFIBUS DP acc. to EN 50170
Transfer rate	9.6 ; 19.2 ; 44.44 ; 93.75 ; 187.5 ; 500 ; 1500 Bit/s (planned 12000) all self synchronising

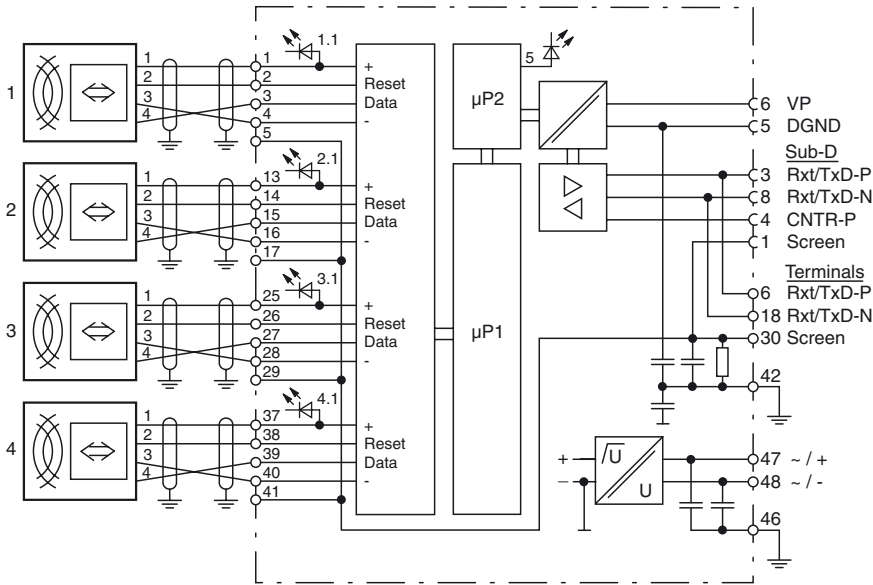
Ambient conditions

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	self-opening connection terminals, max. core cross-section 2 x 2.5 mm ² , 9-pin Sub-D built-in connector
Material	
Housing	Makrolon 6485
Construction type	K-system, 80 mm (4 TE)

Electrical connection



Indicating/operating means

