

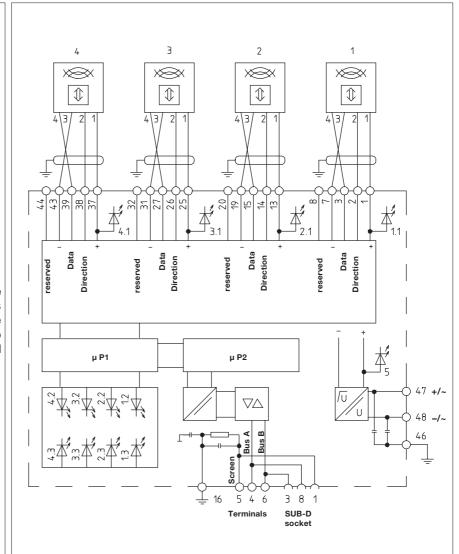
CE **Control interface**

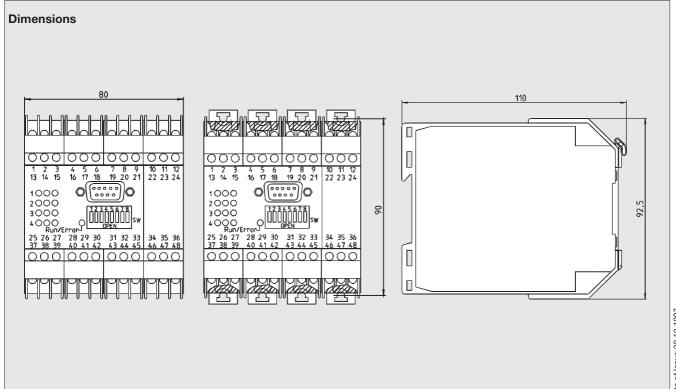
unit with PROFIBUS-FMS

- Conforms to EN 50170
- Bus connections galvanically isolated from the supply voltage
- Bus connection: Terminals **SUB-D** socket
- Power supply: **Terminals**
- Connectable bus termination (Accessible through an opening in side of housing)
- Read/Write head connections: **Terminals**

Function:

This control interface unit provides the complete read/write function by means of the PROFIBUS. All commands are storable in non-volatile memory. Up to 128 bytes of user data can be transmitted in a telegram.







Service access points and connection types:	SAP = Number of service SAP Default (NIL) 1 2 3 4 5 6 63 Max. PDU length: 242	ce access point Connection type MSZY MSZY MSAZ MSAZ MSAZ MSAZ MULT BRCT	Function Default SAP Reserved for data management Open connection, master-slave cyclic Open connection, master-slave acyclic Open connection, master-slave acyclic Open connection, master-slave acyclic Open connection, multicast Open connection, broadcast
DIP switches:		LCD	MCD
	Switches 1 - 7: N	LSB 1 2 3 4 Ode address	MSB
	Switch 8: no	o function	
Bus termination:	Switch 9: Bus termin 0 = OFF 1 = ON	ation	
Type coding	IVI-KHD2-4HB1		IVI-KHA6-4HB1
Power supply Supply voltage Ripple Current consumption Quiescent current with active read/write head	20.4 V DC 27.6 V DC ≤ 10 % Max. < 450 mA 120 mA (Typically) 190 mA (Typically)		85 V AC 253 V AC, 50 Hz 60 Hz Max. < 50 mA 50 mA (Typically)
Indicators Ident Read/Write head active Code carrier detected Stability control Bus Run/Error green LED Run/Error red LED, red/green blinking	3 LEDs per read/write status - Green - Yellow - Red One device status LED (Two color) Device operational / Communication active Device error / Device status / Transmission error		
Housing	K-System, 80 mm (4 TE)		
Bus connection Transmission rate Address setting Range of functions	Conform to EN 50 170 500 kbaud, 19.2 kbaud, 9.6 kbaud selfsynchronizing DIP switches Slave operation - Initiate - Identify - Write - Abort - Get-OV - Status - Read		
Environmental conditions Operating temperature Storage temperature Moisture Protection class to EN 60529	248 Kelvin 343 Kelvir 248 Kelvin 358 Kelvir Max. 75 % rel. humidity IP20	n (-25 °C +85 °C)	
Mechanical Construction Mounting Method of connection	Makrolon modular terminal housing, flammability class to UL 94: V - 0 By snapping on to standard 35 mm DIN rail or by screws through extendable latches Self opening instrument terminals. Maximum conductor cross sectional area 2 x 2.5 mm ²		
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