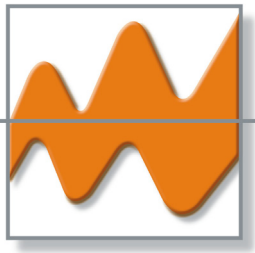


BALOGH



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IDENTIFICATION SYSTEMS

Network Interface Card

BIBS 35

REFERENCES

Depending on the tags where data have to be read from or written to several firmwares can be implemented.
Generic references: BIBS 35#.

The suffix # determines the firmware: e.g. BIBS 35**A** is meant for OMA tags reading/writing.

DESCRIPTION

The BIBS 35 is an InterBus-S® - compatible interface designed for 1 R/W head (transceiver).

It is connected on the main bus with the module number 241.

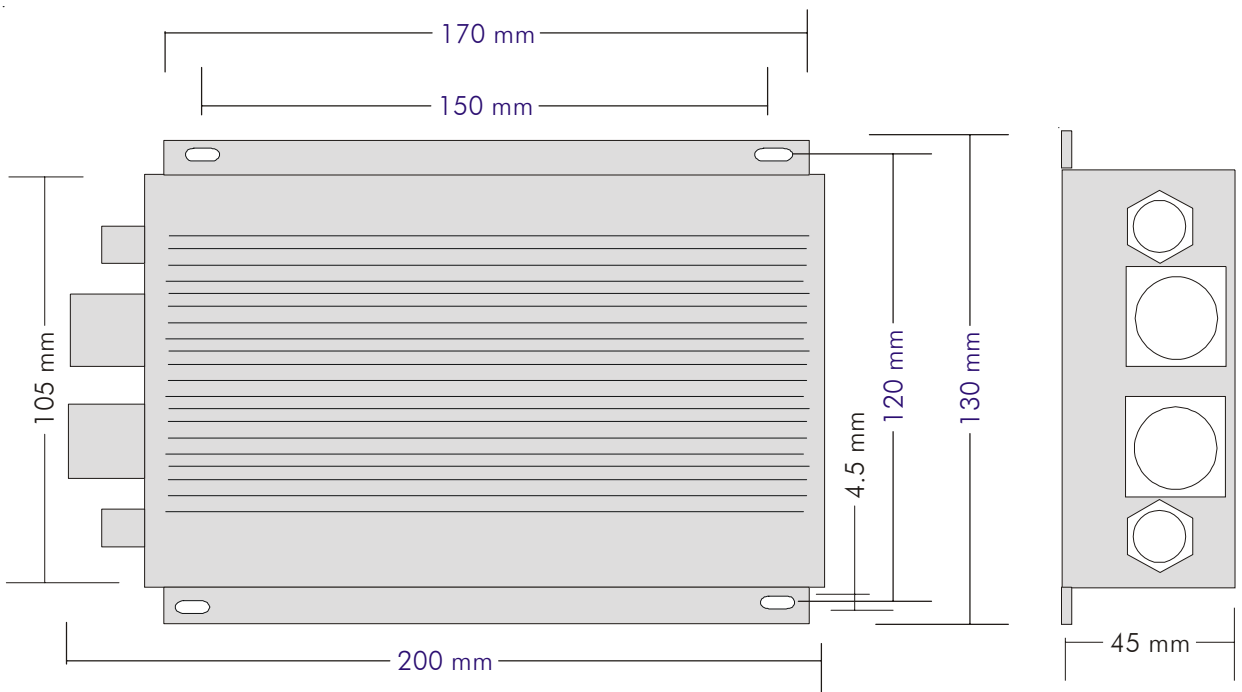
It manages:

- the input /output channel to provide the master module (PC or PLC) with the status of the transceiver channel,
- the PCP channel to transfer the data, requests and commands.

Its sound design makes it field mountable (on a conveyor or a chassis).

The installation is easy and cost effective.

DIMENSIONS



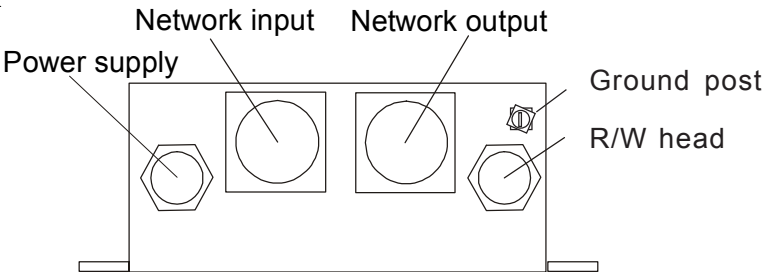
CHARACTERISTICS

Parameters		MIN	NOM	MAX	Units
General	Ambient temperature	0		55	°C
	Protection rating	IP 65			-
	Case	Aluminium			-
	Weight	690			g
Power	Supply direct voltage (ripple included)	21	24	29	V
	Protection against polarity reversal	yes			-
	Supply current (add that of R/W head) @ 24VDC	200			mA

CONNECTIONS

NETWORK	1	2	3	4	5	6	7	8	9
input	DO	/DO	DI	/DI	COM	ground	internally connected	internally connected	nc
output	DO	/DO	DI	/DI	COM	ground			/RBST

POWER	descript.
1	+24VDC
2, 3	nc
4	0 V



R/W HEAD	1	2	3	4	5
Description	Ucc	Output from head	Input into head	0V	ground

Socket types: network: M23 (input: male, output: female), head: M12 female, power: M12 male.

Shield connection for cables connected to the sockets:

Power supply: no shield.

Network: refer to the InterBus-S® specifications.

R/W head: refer to the head data sheet for cable requirements;

- cables with overall shield: the overall shield must compulsorily be in contact over 360° to the metallic cable connector housing.
- cables with overall shield + shielded pairs: the overall shield must compulsorily be in contact over 360° to the metallic cable connector housing, while the pair shields are connected to pin 5 (optional);
- cables with shielded pairs, without overall shield: the pair shields must be connected to the metallic cable connector housing.

INDICATOR LIGHTS

