CAMOZZI
Automation

Sub-D adaptor module 25 and 37 pin
Use and maintenance instructions

Made in Italy

CE

The products are designed and manufactured in conformity with the following directives: 2014/30/EU
They also comply partially or totally with regard to the applicable parts of the following standards:
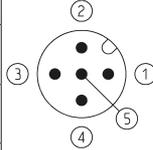- EN 61131-2-2007-09; ISO 4414:2010. Fixed equipment.

Coding

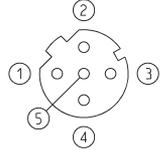| CODE	NUMBER OF OUTPUT	INTERFACE CONNECTOR
CXA-25P	24 (max 3,5W for single output)	SUB-D 25 POLES
CXA-37P	32 (max 3,5W for single output)	SUB-D 37 POLES

Pin assignement

M12A 5 POLES POWER SUPPLY CONNECTOR

Pin	Signal	Description
1	L24VC	24V DC +/-10% power supply for logic (max 2A limited by fuse)
2	P24VC	24V DC +/-10% power supply for output (Power) (max 5A limited by fuse)
3	GND	Common (reference pin 1 and 2): connect to the negative pole of the 24V DC power supply (compulsory)
4	EARTH	Earth connection
5	N.C.	Not connected

M12D 4 POLES BUS CONNECTOR ("IN" E "OUT")

Pin	Signal	Description
1	TD+	Transmission signal +
2	RD+	Receiver signal +
3	TD-	Transmission signal -
4	RD-	Receiver signal -

SUB-D CONNECTOR

Pin	37	...	34	33	32	31	...	26	25	24	23	...	1
CXA-25P	ND								GND	OUT 24	OUT 23		OUT 01
CXA-37P	GND			NC	OUT 32	OUT 31		OUT 26	OUT 25				

LED

ETICHETTA LED	MEANING (AND DEFAULT VALUE)
LNK1	Indicate if some data traffic is present by the connector IN (blink yellow-green)
LNK2	Indicate if some data traffic is present by the connector OUT (blink yellow-green)
PWR	Indicate the condition of power supply Digital and Power (fixed green)

Data exchange

	BIT 31	BIT 30	BIT 29	BIT 28	BIT 27	BIT 26	BIT 25	BIT 24	BIT 23	BIT 22	BIT 21	BIT 20	BIT 19	BIT 18	BIT 17	BIT 16	BIT 15	BIT 14	BIT 13	BIT 12	BIT 11	BIT 10	BIT 09	BIT 08	BIT 07	BIT 06	BIT 05	BIT 04	BIT 03	BIT 02	BIT 01	BIT 00
CXA-25P	NOT USED								OUT 24	OUT 23	OUT 22	OUT 21	OUT 20	OUT 19	OUT 18	OUT 17	OUT 16	OUT 15	OUT 14	OUT 13	OUT 12	OUT 11	OUT 10	OUT 09	OUT 08	OUT 07	OUT 06	OUT 05	OUT 04	OUT 03	OUT 02	OUT 01
CXA-37P	OUT 32	OUT 31	OUT 30	OUT 29	OUT 28	OUT 27	OUT 26	OUT 25	OUT 24	OUT 23	OUT 22	OUT 21	OUT 20	OUT 19	OUT 18	OUT 17	OUT 16	OUT 15	OUT 14	OUT 13	OUT 12	OUT 11	OUT 10	OUT 09	OUT 08	OUT 07	OUT 06	OUT 05	OUT 04	OUT 03	OUT 02	OUT 01

For more details, refer to the Camozzi internal bus system manual.