

Clipper 3V

*Clipper 3V
Documentation*



Tecnologie e Prodotti per l'Automazione

Description

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Note	

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REVISIONS

Revision No.	Date	Protocol	List of changes and/or modified paragraphs
01			First release
02	10.04.2008		Update
03	17.12.2008		Update

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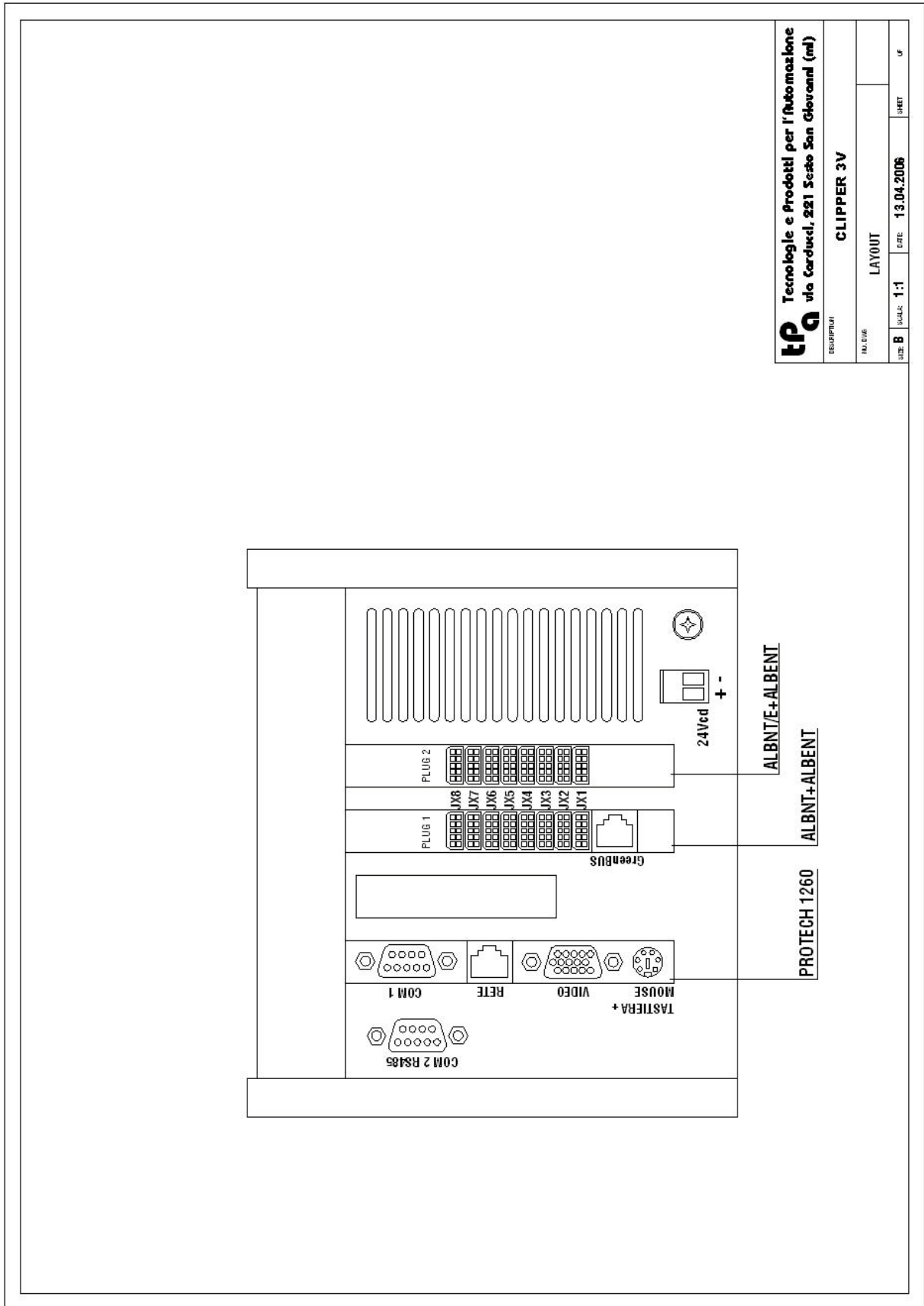
Clipper 3V description

DESCRIPTION

- PC-based control unit
- Connection to PC supervisor through Ethernet 100 Mb/s
- Configuration up to 16 axes and connection to GreenBUS
- Windows CE Operating system
- Panel assembly industrial box
- Dimensions: 172 (L) x 150 (H) x 250 (P) millimeters

1 TECHNICAL DATA

- VIA EDEN 733 Mhz 144 Mbytes SDRAM microprocessor – based CPU board
- Disk on Module 32 Mbyte
- Ethernet 10/100 Mb/s network integrated board
- n° 1 RS-232
- n° 1 RS-485
- Backplane 3 Slot ISA
- Input:
 - VDC 24 - 3A
- Output :
 - + 5 V
 - + 12 V
 - + 12 V
- Configuration up to 16 analog or digital axes
- Driver GreenBUS 1 Mb/s for connections up to a 2048 I/O on AlbreXX remote modules

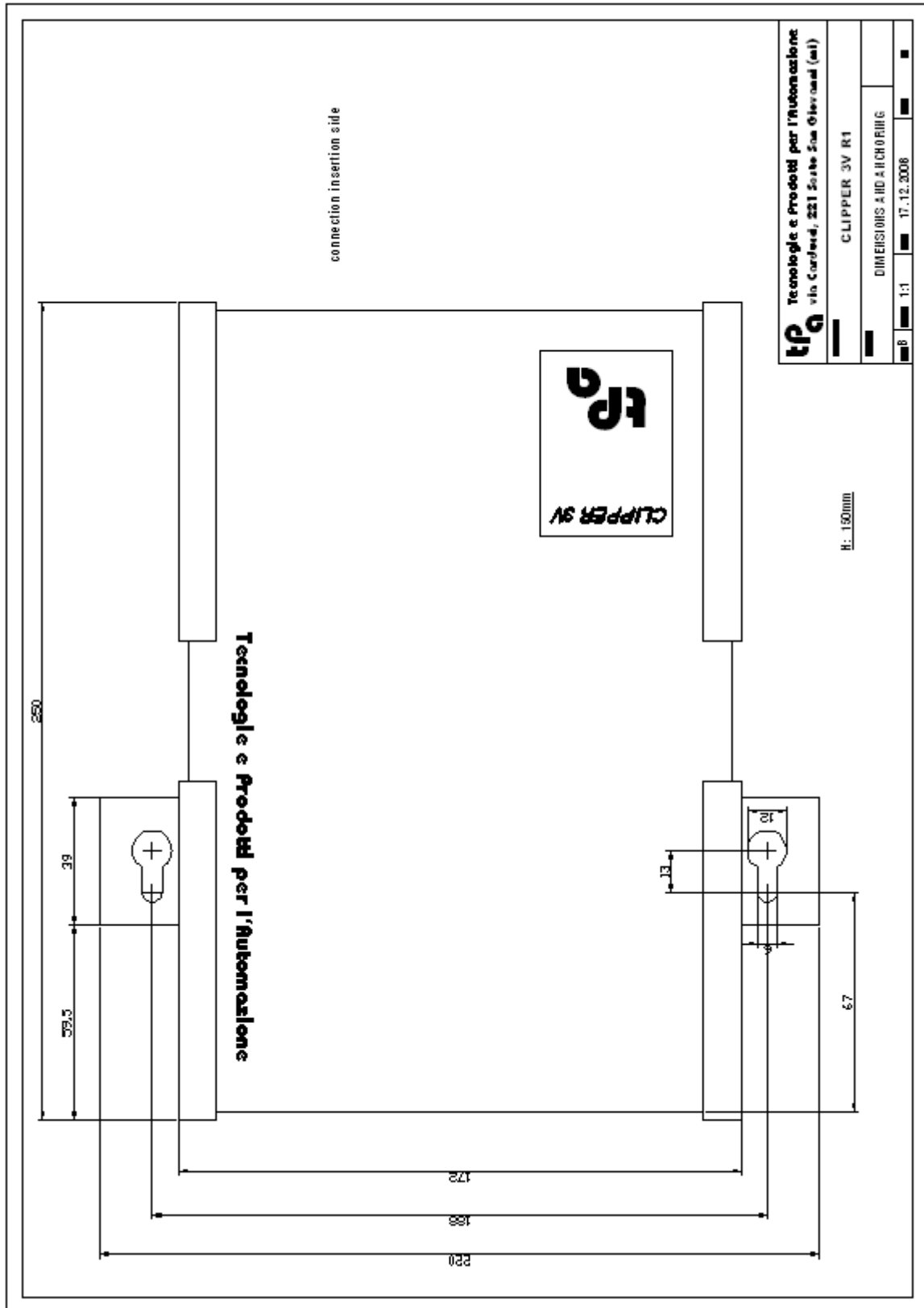


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CLIPPER 3V

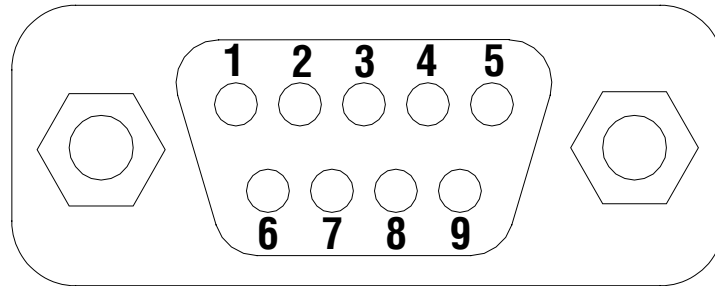
MAX.DWG
 LAYOUT

SIZE: **B** SCALE: **1:1** DATE: **13.04.2006** SHEET: **06**



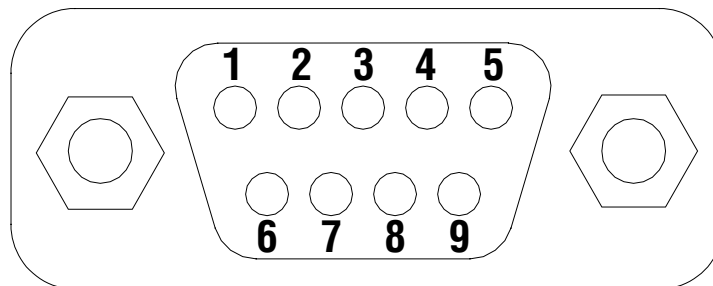
TP9	
Tecnologie e Prodotti per l'Automazione via Carfassi, 221 Sesto San Giovanni (mi)	
CLIPPER 3V R1	
DIMENSIONS A HO A H C H O F I N G	
1:1	17.12.2008

COM1 – RS232

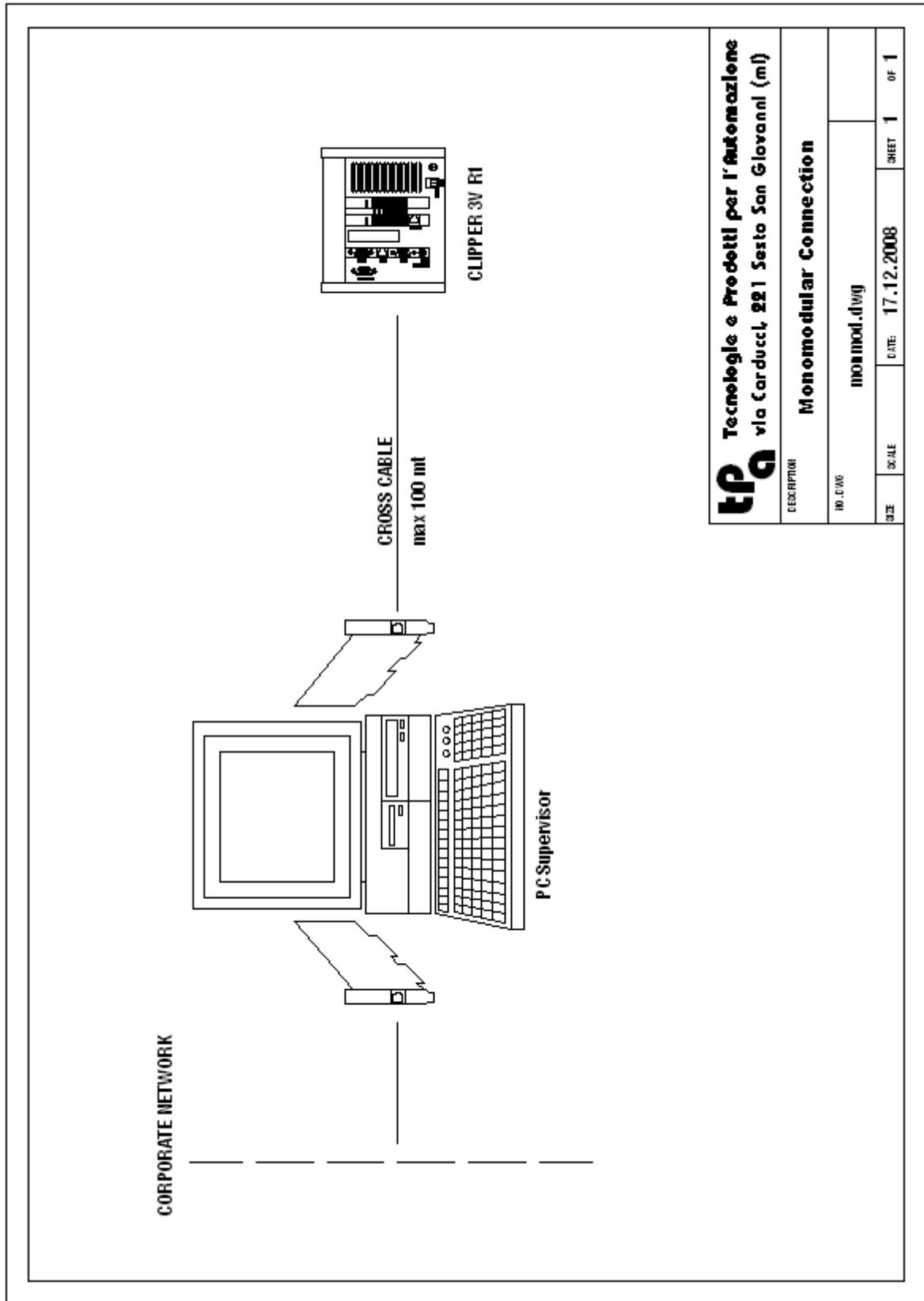


1	Data Carrier Detect (DCD)
2	Receive Data (RXD)
3	Transmit Data (TXD)
4	Data Terminal Ready (DTR)
5	Ground (GND)
6	Data Terminal Ready (DTR)
7	Request To send (RTS)
8	Request To send (RTS)
9	Ring Indicator (RI)

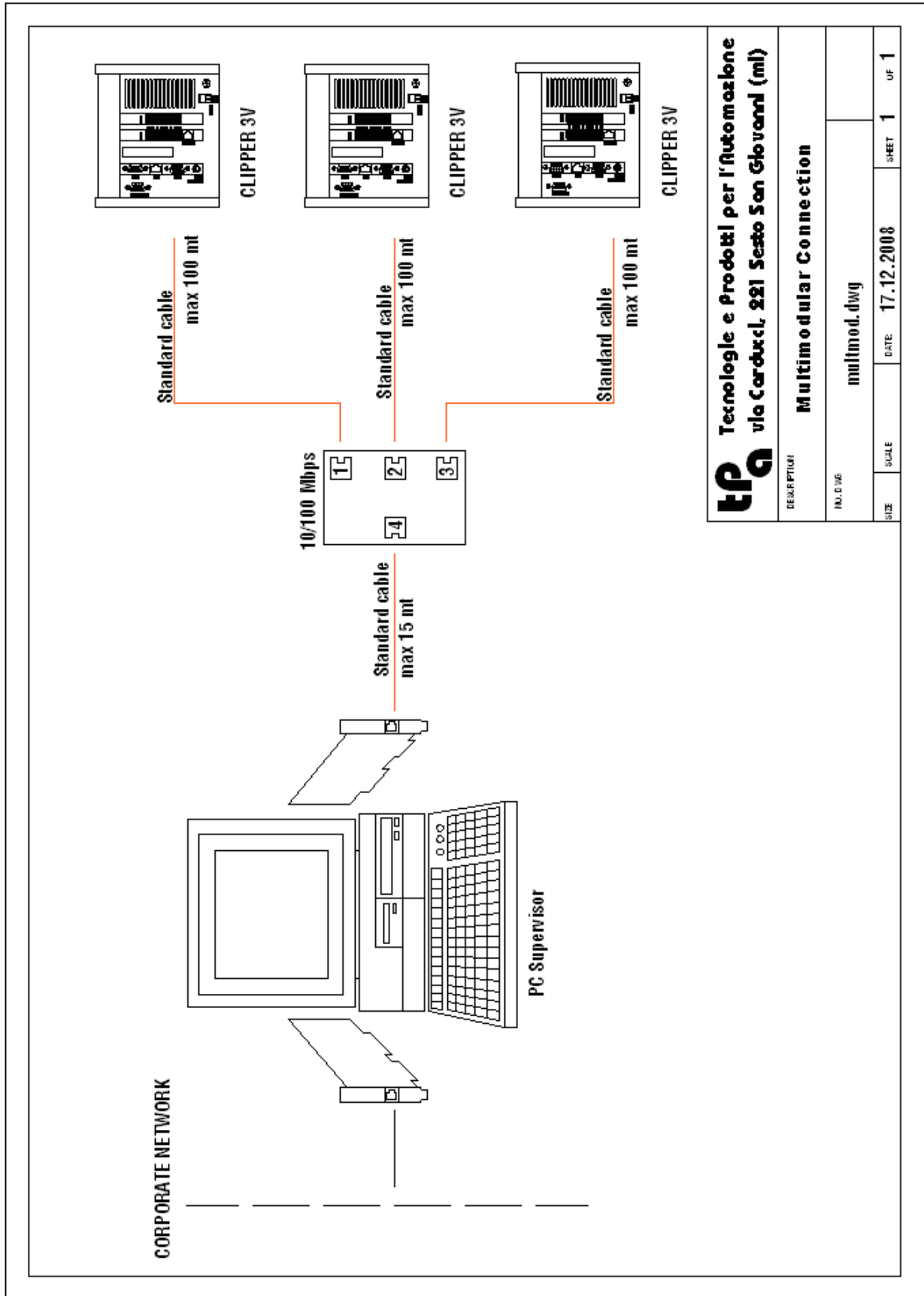
COM2 – RS485



1	TX -
2	TX +
3	RX +
4	RX -
5	GND
6	No connection
7	No connection
8	No connection
9	No connection

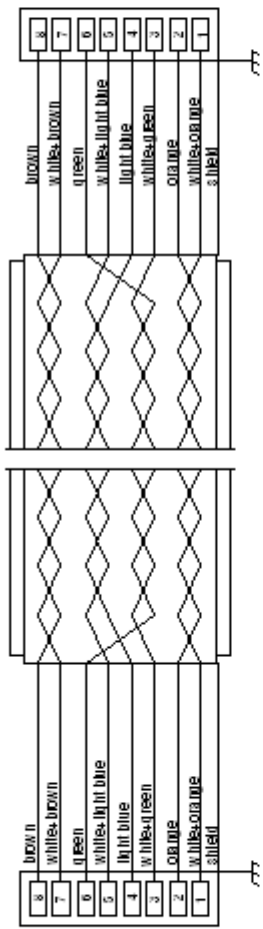


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DESCRIPTION		Monomodular Connection	
NO. DWG		nomod.dwg	
SIZE	SCALE	DATE	SHEET 1 OF 1
		17.12.2008	

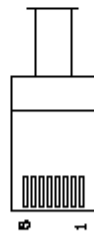


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DESCRIPTION	Multimodular Connection		
FILE NAME	multimod.dwg		
SIZE	SCALE	DATE	SHEET 1 OF 1
		17.12.2008	



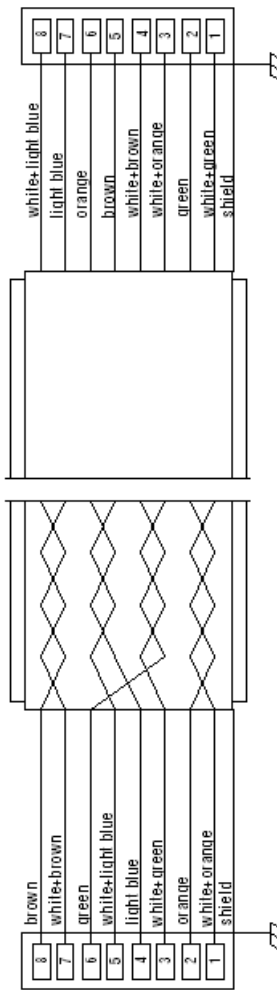
on both the connectors RJ45 colours sequence is in conformity with the T568B legislation



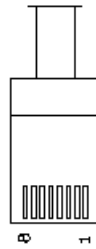
RJ45 connector

red PATCH cable category 5 - flexible and STP-shielded
based on IEEE802.3 and 802.3U charts
tested at 100 Mbps
4 x 2 x AWG26

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Standard Network Cable
8
1:1



on RJ45 connector colours sequence is in conformity with the T568B legislation



RJ45 connector with green cap

red PATCH cable category 5 - flexible and STP-shielded
 based on IEEE802.3 and 802.3U charts
 tested at 100 Mbps
 4 x 2 x AWG26

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DESCRIZIONE			
Cross Network Cable			
MODELLO			
RELEVA	SCALA:	FOUR:	SHEET
1:1			OF

2.1 MPU Board technical data

- Board ISA-1261-C733 733Mhz half size ISA bus
- Processor: VIA EDEN 733 Mhz
- Bus clock rate: 133 Mhz
- Main storage 1 x 144 pin SDRAM socket
- Serial port: 1 RS-232 e 1 RS-485
- SSD: Disk on Module, 32Mb
- Dimensions: 185 x 122 (mm) half size
- Operation temperature: 0 °C - 60 °C [32 °F - 140 °F]
- Relative moisture content: 20% - 90% not condensed
- Ethernet 1: On board RTL8100BL 10/100 Mb (connector RJ45)



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