Circuit diagram

Customer : PA-CONTROL CPU4-LV servoTEC STEP
Project number : 1027129

Type : 4 Axes english
Manufacturing date : 2002
Incoming supply : 400V/3Ph/50Hz/16A
Feeding : 5x2.5mm²
Fuse protection : 16A
Control voltage : 24V

Created on : 07.10.02
Project leader : Alfred Pfeiffer
Last changed : 28.06.05
Editor : VOL

Highest Page No. : 24
## Modification information

<table>
<thead>
<tr>
<th>No.</th>
<th>Date</th>
<th>Editor</th>
<th>Modifications</th>
</tr>
</thead>
</table>

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**WUPB0820 24.02.1994**

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**Werner**

**PA-CONTROL CPU4-LV servoTEC STEP**
PA-CONTROL

PAC I/O-card 1

Pin 17: +24V for In-Outputs
Pin 18: +24V for In-Outputs
Pin 19: earth 24V (gnd)
Pin 36: earth 24V (gnd)
Pin 37: earth 24V (gnd)
Variomodule

PAC-Inputs card 1

Reserve Reserve Reserve Reserve Reserve Reserve Reserve Reserve Reserve

PAC Inputs
I9-I16

PA-CONTROL CPU4-LV servotec step
PA-CONTROL

PAC PLS9-card

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</thead>
<tbody>
<tr>
<td>P+1</td>
<td>P+2</td>
<td>P+3</td>
<td>P+4</td>
<td>R+1</td>
<td>R+2</td>
<td>R+3</td>
<td>R+4</td>
<td>P-1</td>
<td>P-2</td>
<td>P-3</td>
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<tr>
<td>Pulse</td>
<td>Pulse</td>
<td>Pulse</td>
<td>Pulse</td>
<td>Direction</td>
<td>Direction</td>
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<td>Direction</td>
<td>Pulse</td>
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R+1: direction A1-axis
R+2: direction A2-axis
R+3: direction A4-axis
R+4: direction A4-axis

P-1: pulse A1-axis
P-2: pulse A2-axis
P-3: pulse A4-axis
P-4: pulse A4-axis

+Standby
+Reset

Connection of 1 LV-UNIT possible
(X8-bush)

VER-PULS module

The jumper has to be removed if a LV-Unit is connected.

PLS9-axis 1-4

PA-CONTROL CPU4-LV servoTEC STEP
LV-servoTEC

Motor connection

Resolver connection

Encoder connection

Servo motor

Resolver

Sine-cosinus encoder

Optional

Axis A4 servo amplifier 4
motor connection

PA-CONTROL CPU4-LV servoTEC STEP
LV-servoTEC

Controlling signals

Interface connection

RS-relay

Optional starting barrier

VER-PULS module

If you use A4-axis, both jumpers on X15/X16 must be removed!