Hydraulic pump

U=220 V
I=1.1 A
n=2540 1/min
P=0.16 kW

Coolant pump

U=380 V
I=0.27 A
n=2500 1/min
P=0.16 kW

Lubrication unit

U=380 V
I=0.27 A
n=2810 1/min
P=0.55 kW

Coolant pump

U=380 V
I=1.2 A
n=2810 1/min
P=0.55 kW

Author: Finngineering
Date: 24.8.2023
File: Auxiliary equipment power
Folio: 3/23
<table>
<thead>
<tr>
<th>Column</th>
<th>Row</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>1</td>
<td>1-A17</td>
</tr>
<tr>
<td>A</td>
<td>2</td>
<td>1-A17</td>
</tr>
<tr>
<td>A</td>
<td>3</td>
<td>1-B17</td>
</tr>
<tr>
<td>A</td>
<td>4</td>
<td>1-B17</td>
</tr>
<tr>
<td>B</td>
<td>1</td>
<td>L N PE</td>
</tr>
<tr>
<td>B</td>
<td>2</td>
<td>L N PE</td>
</tr>
<tr>
<td>B</td>
<td>3</td>
<td>8A1</td>
</tr>
<tr>
<td>B</td>
<td>4</td>
<td>8A2</td>
</tr>
<tr>
<td>C</td>
<td>1</td>
<td>L N PE</td>
</tr>
<tr>
<td>C</td>
<td>2</td>
<td>L N PE</td>
</tr>
<tr>
<td>C</td>
<td>3</td>
<td>9A1</td>
</tr>
<tr>
<td>C</td>
<td>4</td>
<td>9A2</td>
</tr>
<tr>
<td>D</td>
<td>1</td>
<td>L N PE</td>
</tr>
<tr>
<td>D</td>
<td>2</td>
<td>L N PE</td>
</tr>
<tr>
<td>D</td>
<td>3</td>
<td>10A1</td>
</tr>
<tr>
<td>D</td>
<td>4</td>
<td>10A3</td>
</tr>
<tr>
<td>E</td>
<td>1</td>
<td>L N PE</td>
</tr>
<tr>
<td>E</td>
<td>2</td>
<td>L N PE</td>
</tr>
<tr>
<td>E</td>
<td>3</td>
<td>L N PE</td>
</tr>
<tr>
<td>E</td>
<td>4</td>
<td>5Y1</td>
</tr>
<tr>
<td>F</td>
<td>1</td>
<td>X axis servo</td>
</tr>
<tr>
<td>F</td>
<td>2</td>
<td>Y axis servo</td>
</tr>
<tr>
<td>F</td>
<td>3</td>
<td>Z axis servo</td>
</tr>
</tbody>
</table>

**Servo drive power section ELP-D*00Z**

**Maho MH600T CNC**

Author: Finngineering

Date: 24.8.2023

File: Servo drive power

Folio: 4/23
Incomplete draft
2023-08-24

Author: Finngineering
Date: 24.8.2023

Maho MH600T CNC

File: Safety circuit
Folio: 5/23
Machine enabled

Start from LinuxCNC
halui.machine.on

Stop from LinuxCNC
halui.machine.off

Safety relay

Machine powered

Start button

Stop button

Author: Finngineering
Date: 24.8.2023

File: Machine start / stop
Folio: 7/23

Maho MH600T CNC
Mesa 7i95 step/dir 1
TB3 7...12

Servo drive logic section
ELP-D*00Z

Mesa 7i95
TB6 7...12

Author: Finngineering
Date: 24.8.2023
Emergency stop
Safety relay reset
Tool clamped (release)
Machine start
Machine powered
Cycle start
Cycle running
Machine stop
Feed hold

Maho MH600T CNC