## CNC CONTROL SYSTEM

### ELECTRICAL CIRCUIT DIAGRAM

#### SYMBOL TABLE

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<tr>
<th>SYMBOL</th>
<th>TAG</th>
<th>DESCRIPTION</th>
</tr>
</thead>
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<tr>
<td>CR</td>
<td>RELAY COIL</td>
<td></td>
</tr>
<tr>
<td>CON, M, K</td>
<td>CONTACT COIL</td>
<td></td>
</tr>
<tr>
<td>SOL</td>
<td>SOLENOID</td>
<td></td>
</tr>
<tr>
<td>BRK</td>
<td>MAGNETIC BRAKE</td>
<td></td>
</tr>
<tr>
<td>PRS</td>
<td>PROXIMITY SWITCH</td>
<td></td>
</tr>
<tr>
<td>TAS</td>
<td>TEMPERATURE SWITCH</td>
<td></td>
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<tr>
<td>PB</td>
<td>PUSH BUTTON</td>
<td></td>
</tr>
<tr>
<td>MTR</td>
<td>MOTOR</td>
<td></td>
</tr>
<tr>
<td>PWS</td>
<td>POWER SUPPLY</td>
<td></td>
</tr>
<tr>
<td>DR</td>
<td>DRIVE</td>
<td></td>
</tr>
<tr>
<td>CB</td>
<td>CIRCUIT BREAKER</td>
<td></td>
</tr>
<tr>
<td>RES</td>
<td>RESISTER</td>
<td></td>
</tr>
<tr>
<td>VR</td>
<td>VARISTOR, THERMISTOR</td>
<td></td>
</tr>
<tr>
<td>C</td>
<td>CAPACITOR</td>
<td></td>
</tr>
<tr>
<td>REC</td>
<td>DIODE</td>
<td></td>
</tr>
<tr>
<td>GND, PE</td>
<td>PROTECTIVE EARTH/ EQUIPMENT GROUND</td>
<td></td>
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<tr>
<td>FG</td>
<td>FRAME GROUND</td>
<td></td>
</tr>
<tr>
<td>TER, TB</td>
<td>TERMINAL</td>
<td></td>
</tr>
<tr>
<td>DB</td>
<td>CONNECTION POINT</td>
<td></td>
</tr>
<tr>
<td>SHLD</td>
<td>SHIELDED</td>
<td></td>
</tr>
<tr>
<td>SUP</td>
<td>TWISTED PAIR</td>
<td></td>
</tr>
<tr>
<td>ARC</td>
<td>ARC SUPPRESSOR</td>
<td></td>
</tr>
</tbody>
</table>

#### DEVICE SYMBOL

- SYMBOL: CR (RELAY COIL)
- TAG: RELAY COIL
- DESCRIPTION: RELAY COIL
- SYMBOL: CON, M, K (CONTACT COIL)
- TAG: CONTACT COIL
- DESCRIPTION: CONTACT COIL
- SYMBOL: SOL (SOLENOID)
- TAG: SOLENOID
- DESCRIPTION: SOLENOID
- SYMBOL: BRK (MAGNETIC BRAKE)
- TAG: MAGNETIC BRAKE
- DESCRIPTION: MAGNETIC BRAKE
- SYMBOL: PRS (PROXIMITY SWITCH)
- TAG: PROXIMITY SWITCH
- DESCRIPTION: PROXIMITY SWITCH
- SYMBOL: TAS (TEMPERATURE SWITCH)
- TAG: TEMPERATURE SWITCH
- DESCRIPTION: TEMPERATURE SWITCH
- SYMBOL: PB (PUSH BUTTON)
- TAG: PUSH BUTTON
- DESCRIPTION: PUSH BUTTON
- SYMBOL: MTR (MOTOR)
- TAG: MOTOR
- DESCRIPTION: MOTOR
- SYMBOL: PWS (POWER SUPPLY)
- TAG: POWER SUPPLY
- DESCRIPTION: POWER SUPPLY
- SYMBOL: DR (DRIVE)
- TAG: DRIVE
- DESCRIPTION: DRIVE
- SYMBOL: CB (CIRCUIT BREAKER)
- TAG: CIRCUIT BREAKER
- DESCRIPTION: CIRCUIT BREAKER
- SYMBOL: RES (RESISTER)
- TAG: RESISTER
- DESCRIPTION: RESISTER
- SYMBOL: VR (VARISTOR, THERMISTOR)
- TAG: VARISTOR, THERMISTOR
- DESCRIPTION: VARISTOR, THERMISTOR
- SYMBOL: C (CAPACITOR)
- TAG: CAPACITOR
- DESCRIPTION: CAPACITOR
- SYMBOL: REC (DIODE)
- TAG: DIODE
- DESCRIPTION: DIODE
- SYMBOL: GND, PE (PROTECTIVE EARTH/ EQUIPMENT GROUND)
- TAG: PROTECTIVE EARTH/ EQUIPMENT GROUND
- DESCRIPTION: PROTECTIVE EARTH/ EQUIPMENT GROUND
- SYMBOL: FG (FRAME GROUND)
- TAG: FRAME GROUND
- DESCRIPTION: FRAME GROUND
- SYMBOL: TER, TB (TERMINAL)
- TAG: TERMINAL
- DESCRIPTION: TERMINAL
- SYMBOL: DB (CONNECTION POINT)
- TAG: CONNECTION POINT
- DESCRIPTION: CONNECTION POINT
- SYMBOL: SHLD (SHIELDED)
- TAG: SHIELDED
- DESCRIPTION: SHIELDED
- SYMBOL: SUP (TWISTED PAIR)
- TAG: TWISTED PAIR
- DESCRIPTION: TWISTED PAIR
- SYMBOL: ARC (ARC SUPPRESSOR)
- TAG: ARC SUPPRESSOR

#### COMPONENT TAG FORMAT

- **EXample:** xxYY
- **xx:** NUMBER
- **YY:** FAMILY

#### WIRE NUMBER

- **Example:** 11L1
- **Corresponding to Drawing:**

#### NOTE:

- ALL FUNCTIONS MAY NOT BE PRESENT OR AVAILABLE AS SHOWN. REFER TO USER MANUAL.
NOTE: INCOMING POWER 230V AC ±10% 3PH

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