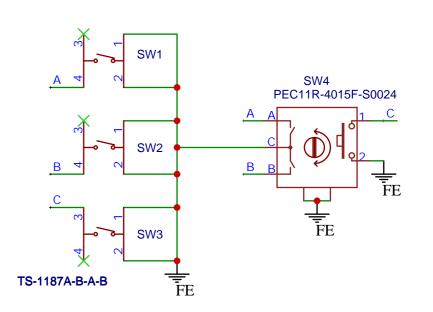
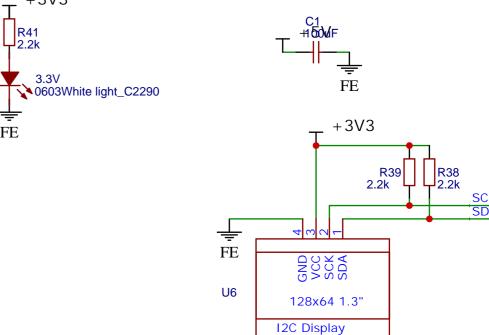


https://de.aliexpress.com/item/4000200361035.html

Holes: 55mm x 38.5mm





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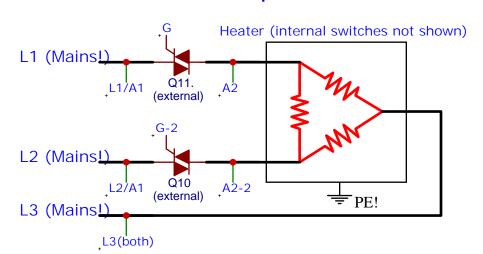
SSH1106 128X64 1.3 I2C DISPLAY MODULE

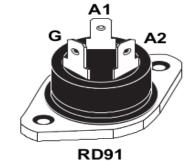
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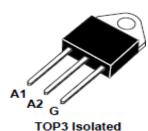
TITLE: **Controller of Water Heater** REV: 1.1 Companyhttps://github.com/gormr Sheet: 1/2 **EasyEDA** Date: 2022-12-06 Drawn By: GoRoNb

under the CERN-OHL-S-2.0.

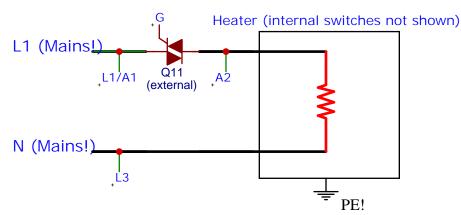
Three Phase Setup

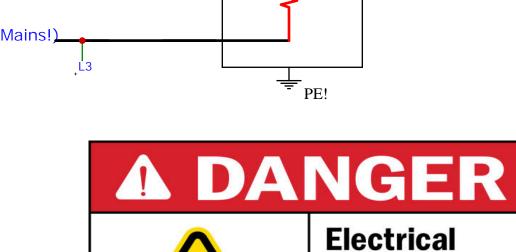


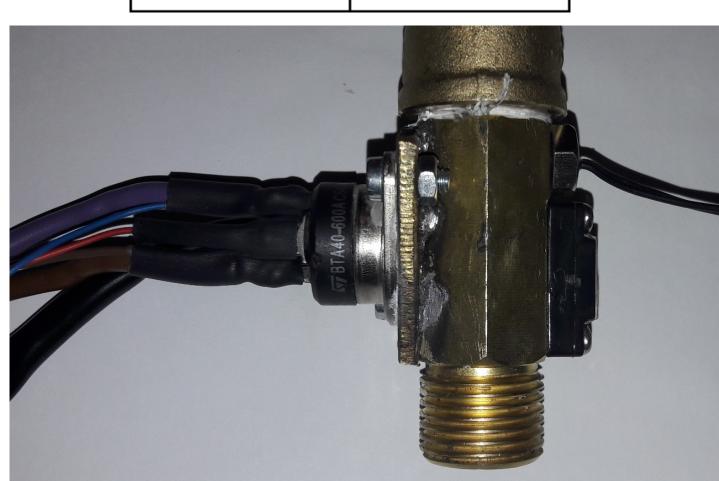


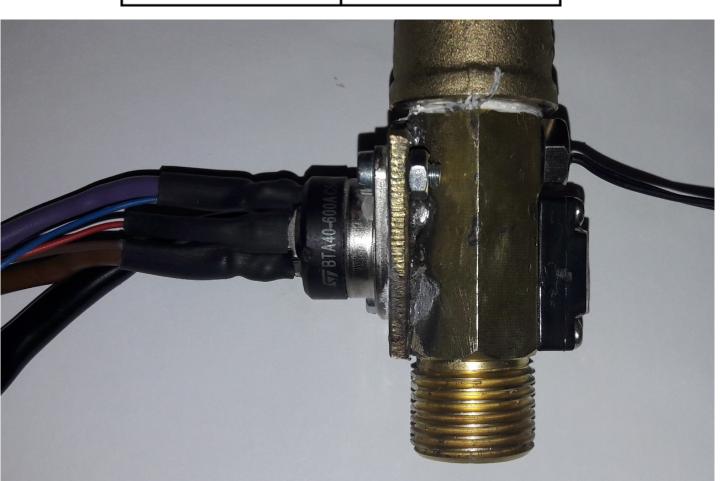


Single Phase Setup









hazard

wires

Low voltage

non-insulated

Example uses ST BTA40-600 brown power wire + signal wire: Lx/A1 purple power wire + blue signal wire: A2

」 → Q3 LBSS84LT1G 19-213/Y2C-CQ2R2L/3T(CY) D3 1N5819WS BPC-817S/A ZCD1 Triac1 $\begin{array}{c|c}
R6 & R7 & R8 \\
1k & 1k & 1k
\end{array}$ LSF-SMT_5.08_04_180 MOC3063S TRG1 XL-1608UOC-06 FE Screw_Terminal_1x01 2nd Phase (optional) LBSS84LT1G 19-213/Y2C-CQ2R2L/3T(CY) PHASE2 BPC-817S/A ZCD2 G-2 A2-2 LBSS84LT1G LSF-SMT_5.08_04_180 TRG2 XL-1608UOC-06 Copyright Gorm Rose 2022. This documentation describes Open Hardware and is licensed

Triac Driver / Zero Cross Detection

under the CERN-OHL-S-2.0.

+3V3

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TITLE: AC Interface of Water Heater REV: 1.1 Sheet: 2/2 Companyhttps://github.com/gormr **EasyEDA** Date: 2022-12-06 Drawn By: GoRoNb

Triac with Mounting Plate, Temperature Sensor and Flow Meter Mounting Plate must be connected to Protective Earth! Unmount all inner and outer plastic parts before soldering the mounting plate to the tubed signal wire: G