

CSC-01/02, TSC-01/02/03 TBC-01, TCC-02



COFFEE CONTROLLER

Features:

- 16 X 2 LCD Display
- Color(Red/Green) LED indicators for warmer & brew buttons
- 120VAC & 220VAC, 50/60HZ OPERATION
- HEAT SENSOR: THERMISTOR 80-100K OHMS AT 25 C
- 16 PIN MOLEX MODULAR LINK CONNECTOR
- REMOTE TRIAC: 40 AMPS, 400V HEATSINK REQUIRED
- Operating Temperature: 0-75° C.(32-167° F)

Dimensions:

- 8.55" W x 3.60" H x 1.55" D

Warranty:

- Every Renau product is thoroughly tested at numerous stages of production and comes with an extended three (3) year warranty.

Applications:

- Ideal for commercial foodservice decanter brewers with single, double, and triple warmers. Programmable software to adapt to different types of brewers

Benefits:

- Digital Control Module - Provides precise control over all aspects of brewing: time, temperature, volume and specialty coffee needs, from pre-infusion to pulse-brewing to brew bypass/water only.
- Intuitive Scroll-Through Precision Programming
- Large bright clear display functions easily communicated. Adjust time, temperature, volume, brew settings and more.
- Small footprint requires minimal space
- Low power consumption
- Easily upgradeable and scalable to meet specific needs
- Fully-encapsulated for maximum environmental protection
- Tested for high level of reliability for commercial use
- Simple, inexpensive installation
- Recipe Customization Ready

Software:

- Access Features with Ease
- Brew Recipes
- Prime-Infusion
- Intermittent Brew Control
- Brew Using Time or Volume Control
- Warmer Temperature Control with Reservoir Monitor
- Cold Brew Lock
- Brew Count Odometer
- Warmer Energy Save/ Auto-Off
- Access Lock Code



RENAU

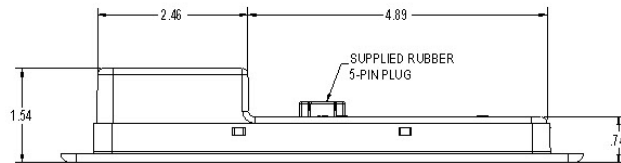
9309 Deering Ave. Chatsworth, CA 91311 USA

Tel: 818.341.1994 ext. 349
info@renau.com
www.renau.com

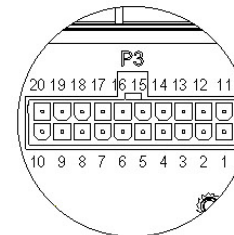
We do more than design. We invent.

Specifications are subject to change without notice. The products manufactured by RENAU are protected under one or more of the following U.S. Patents: 6,850,850 6,816,670 6,636,772 6,546,944 6,214,239 5,835,993 4,943,706 4,849,098 and other patents pending.
Designed and manufactured in the U.S.A.

REVISIONS			
ZONE	REV.	DESCRIPTION	DATE
-	A	INITIAL RELEASE	10/19/23
			JS



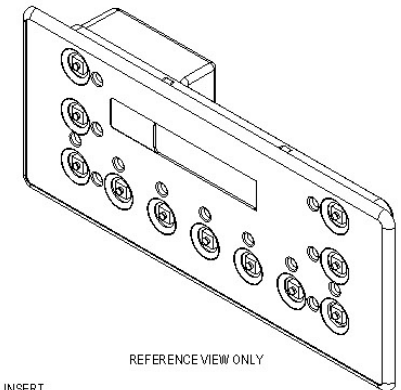
16-PIN CONFIGURATION	
PIN	DATA
1	GRINDER INTERLOCK
2	COMMON-SOLID STATE RELAY & GRINDER
3	+5 VDC
4	BREW CONE LOCK RIGHT
5	BREW CONE LOCK LEFT
6	INLET VALVE
7	BYPASS VALVE RIGHT
8	WARMER LEFT
9	WARMER RIGHT
10	BYPASS VALVE LEFT
11	N/C
12	N/C
13	TEMPERATURE SENSOR TANK
14	TEMPERATURE SENSOR COMMON
15	CHASSIS GROUND
16	WATER LEVEL PROBE
17	120VAC NEUTRAL
18	120VAC HOT
19	BREW VALVE RIGHT
20	BREW VALVE LEFT



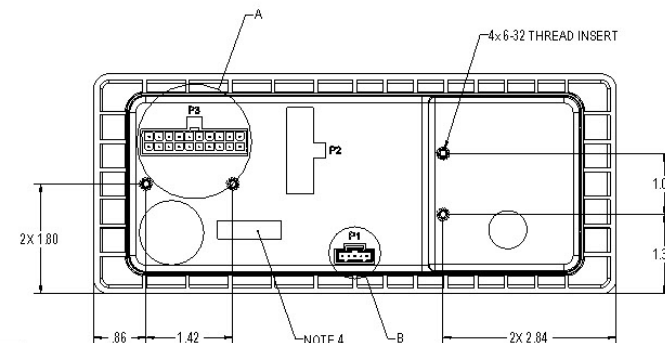
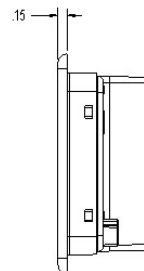
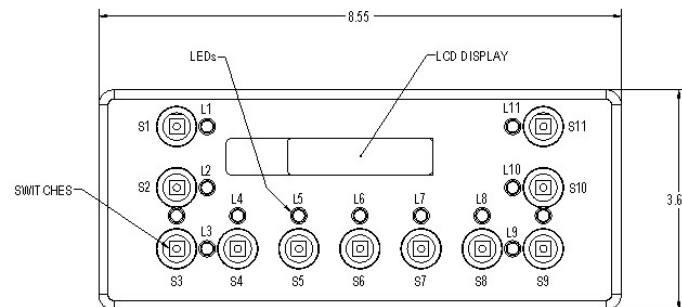
DETAIL A
SCALE 2:1

MATING CONNECTOR: MOLEX 39-01-2200, MINI-FIT JR. RECEPTACLE HOUSING, DUAL ROW, 20 CIRCUITS, UL94V2, NATURAL

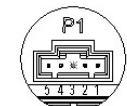
MATING CONNECTOR PIN: MOLEX 39000046, MINI-FIT FEMALE CRIMP TERMINAL, TIN (SN) OVER COPPER (CU) PLATED BRASS, 22-28 AWG



REFERENCE VIEW ONLY



5-PIN CONFIGURATION	
PIN	DATA
1	TX
2	RX
3	nMCLR
4	+5VDC
5	GND

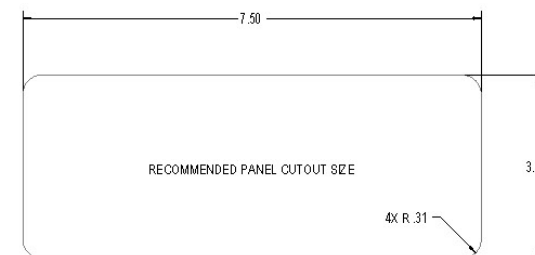


DETAIL B
SCALE 2:1

MATING CONNECTOR: MOLEX P/N0050579405, CONN RPT HSG 5POS 2.54MM

MATING CONNECTOR PIN: MOLEX P/N0016021124, CONN SOCKET 22-24AWG CRIMP GOLD

SWITCH AND LED CONFIGURATION						
SWITCH	LED	CSC-1	CSC-2	TSC-1	TSC-2	TCC-2
S1 / L1	GRN	-	LARGE BREW LEFT	-	LARGE BREW LEFT	COFFEE BREW 1 LEFT
S2 / L2	GRN	-	MEDIUM BREW LEFT	-	-	COFFEE BREW 2 LEFT
S3 / L3	GRN	-	SMALL BREW LEFT	-	SMALL BREW LEFT	ICED COFFEE BREW 3 LEFT
S4 / L4	RED	-	-	-	-	TEA BREW LEFT
S5 / L5	RED	-	WARMER LEFT / SCROLL LEFT	-	-	TEA BREW LEFT / SCROLL LEFT
S6 / L6	RED	POWER ON / OFF	POWER ON / OFF	POWER ON / OFF	POWER ON / OFF	POWER ON / OFF
S7 / L7	RED	WARMER / SCROLL LEFT	WARMER RIGHT / SCROLL RIGHT	-	-	BREW TEA RIGHT / SCROLL RIGHT
S8 / L8	RED	-	-	-	-	TEA BREW RIGHT
S9 / L9	GRN	SMALL BREW RIGHT	SMALL BREW RIGHT	SMALL BREW RIGHT	SMALL BREW RIGHT	COFFEE BREW 1 RIGHT
S10 / L10	GRN	MEDIUM BREW RIGHT	MEDIUM BREW RIGHT	-	-	COFFEE BREW 2 RIGHT
S11 / L11	GRN	LARGE BREW RIGHT	LARGE BREW RIGHT	LARGE BREW RIGHT	LARGE BREW RIGHT	ICED COFFEE BREW 3 RIGHT



- NOTES: UNLESS OTHERWISE SPECIFIED
- REFER TO 3D CAD MODEL 41A2001_CONTROL MODULE COMPLETE (STP, IGS, X_T) FOR UNSPECIFIED DIMENSIONS.
 - OPERATING VOLTAGE: 120VAC @ 50.60Hz, 220VAC @ 50.60Hz
 - TEMPERATURE SENSOR: THERMISTOR 80-100K OHMS AT 25°C
 - PRODUCT INFORMATION LABEL
 - LEDs INDICATORS FOR ON/OFF OPERATION
 - CUSTOM OVERLAYS AVAILABLE

APPROVALS			RENAUX	
DATE	NAME	DATE		
10/19/2023	JS			
THIRD ANGLE PROJECTION				
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES				
TOLERANCES UNLESS OTHERWISE SPECIFIED				
FRACTIONS: 1/16" 1/8" 1/4" 3/8" 1/2" 5/8" 3/4" 7/8" 1" 1 1/8" 1 1/4" 1 1/2" 1 3/4" 2" 2 1/4" 2 1/2" 2 3/4" 3" 3 1/4" 3 1/2" 3 3/4" 4" 4 1/4" 4 1/2" 4 3/4" 5" 5 1/4" 5 1/2" 5 3/4" 6" 6 1/4" 6 1/2" 6 3/4" 7" 7 1/4" 7 1/2" 7 3/4" 8" 8 1/4" 8 1/2" 8 3/4" 9" 9 1/4" 9 1/2" 9 3/4" 10" 10 1/4" 10 1/2" 10 3/4" 11" 11 1/4" 11 1/2" 11 3/4" 12" 12 1/4" 12 1/2" 12 3/4" 13" 13 1/4" 13 1/2" 13 3/4" 14" 14 1/4" 14 1/2" 14 3/4" 15" 15 1/4" 15 1/2" 15 3/4" 16" 16 1/4" 16 1/2" 16 3/4" 17" 17 1/4" 17 1/2" 17 3/4" 18" 18 1/4" 18 1/2" 18 3/4" 19" 19 1/4" 19 1/2" 19 3/4" 20" 20 1/4" 20 1/2" 20 3/4" 21" 21 1/4" 21 1/2" 21 3/4" 22" 22 1/4" 22 1/2" 22 3/4" 23" 23 1/4" 23 1/2" 23 3/4" 24" 24 1/4" 24 1/2" 24 3/4" 25" 25 1/4" 25 1/2" 25 3/4" 26" 26 1/4" 26 1/2" 26 3/4" 27" 27 1/4" 27 1/2" 27 3/4" 28" 28 1/4" 28 1/2" 28 3/4" 29" 29 1/4" 29 1/2" 29 3/4" 30" 30 1/4" 30 1/2" 30 3/4" 31" 31 1/4" 31 1/2" 31 3/4" 32" 32 1/4" 32 1/2" 32 3/4" 33" 33 1/4" 33 1/2" 33 3/4" 34" 34 1/4" 34 1/2" 34 3/4" 35" 35 1/4" 35 1/2" 35 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