

APPLICATION NOTE

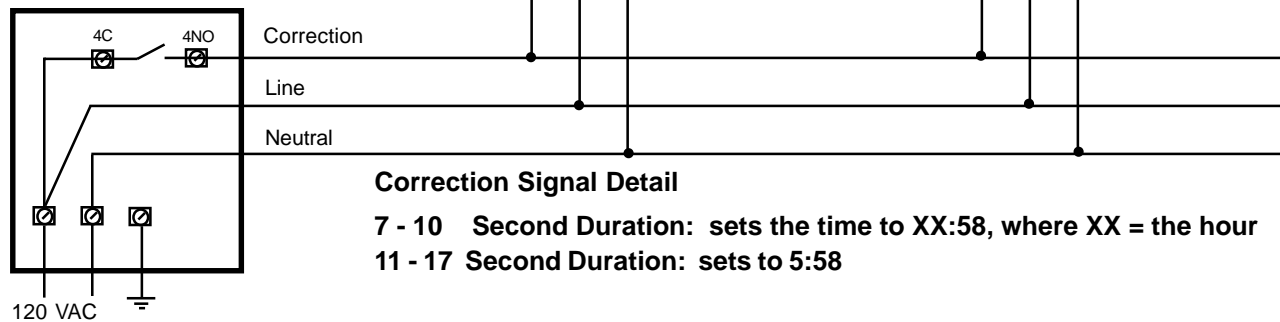
ANCC-01

CC2000 Series . . . 59th Minute Correction

120 Volt, 3-Wire Systems
(12 Hour Format)

Master Clocks:

MC41, MC4181, or
MC4181N set for Mode 2.



APPLICATION

The CC2000 Series System Clocks have three different, built-in correction plans to fit virtually all types of clocks systems. For *59th Minute, 3-Wire, 120 VAC* systems, use the CC2001, CC2001W2, CC2001C2 and/or CC2001F models. These models are powered by 120 VAC, 50 or 60 HZ. The 120 VAC correction signal is applied to the isolated correction input (same as the correction coil on an analog clock). CC2000 Series System Clocks can be used to replace or add to existing 120 VAC, 3-wire analog clock systems using the same three wires already in place. See the CC2000 Series brochure for more details.

WIRING

The BLK wire is connected to the 120 VAC LINE and the WH wire is connected to the 120 VAC NEUTRAL. A GRN/YEL wire for earth ground is provided on some models. The WH/BLU and WH/BLK wires provide the isolated correction input. Connect the WH/BLU wire to the 120 VAC correction line, and the WH/BLK wire to NEUTRAL. Wire size and rating is determined by the number of clocks installed, the distances to the clocks, and the voltage rating. See the power requirements below. *Be sure to follow all local wiring codes.*

Power:	CC2001 and CC2001F	120VAC, 6VA Max, 50/60 Hz (Internal Jumper for 50 HZ)
	CC2001W2 and CC2001C2	120VAC, 8VA Max, 50/60 Hz (Internal Jumper for 50 HZ)
Sync Signal:	All models	12 V AC/DC to 120 V AC/DC, 5 mA maximum (isolated)
Backup:	All models	Capacitive - approx 1 hour
Set Switches:	Increment Hours and Minutes, access from back panel or from inside (CC2001 and CC2001F only)	



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