

BCBD 1000 Series Wired Clock (V1)



Highlights

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- Immediate correction for time change
- Clocks will not deviate from each other
- Wide availability of models
 - 2.5" display
 - 4.0" display
 - 4 digits
 - 6 digits
- 12 or 24 hour format
- "BELL", "FIRE" messaging capabilities
- Choice of two (2) wire digital communication protocol or RS485 protocol
- Bright LED display
- Two (2) settings for brightness
- Loss of communication alert
- LEDs for visual representation of the receiving and transmitting of RS485 data
- Diagnostic LEDs for visual indication for the two (2) wire signal and power
- Selection of anti-glare red or blue bezel
- No battery backup required
- Unlimited clocks can be run off the same communication line (RS485 only)
- Dynamic range for input voltages
 - 12—30 VDC (24 Volt model)
 - 12—30 VAC (24 Volt model)
 - 78—130 VAC (110 Volt model)
- Analog and digital clocks can be combined on the same power line (two (2) wire) or communication line (RS485)
- Plug in Molex connectors
- Available in surface mount housings
- UL, cUL listed and FCC approved
- Made in the U.S.A.

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Specifications



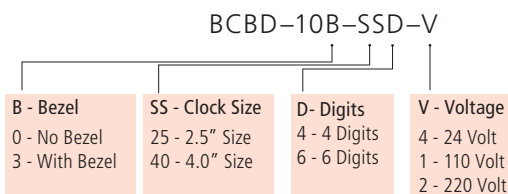
- Display Size: 2.5" and 4.0"
- Display Color: Vibrant Red
- Number of Digits: 4 digit or 6 digit
- Visibility: 100 feet - 2.5" model
250 feet - 4.0" model
- Bezel Color: Anti-glare red
- Bezel Size: (LxW) 4.69 x 10.31 - 2.5" clock, 4 digit
6.75 x 13.31 - 4.0" clock, 4 digit
4.69 x 13.56 - 2.5" clock, 6 digit
6.75 x 18.31 - 4.0" clock, 6 digit
- Temperature Range
Operating: 0°C - 45°C
Storage: -15°C - 75°C
- Input Voltage for 2.5" clock: 12 - 30 VDC (24 volt model)
12 - 30 VAC (24 volt model)
78 - 135 VAC (110 volt model)
- Input Voltage for 4.0" clock: 16 - 28 VDC (24 volt model)
14 - 28 VAC (24 volt model)
85 - 135 VAC (110 volt model)
- Average Current Consumption: (maximum brightness)
2.5" Clock
85 mA @ 24 VAC, 4 digit
30 mA @ 110 VAC, 4 digit
130 mA @ 24 VAC, 6 digit
45 mA @ 110 VAC, 6 digit
- Average Current Consumption: (maximum brightness)
4.0" Clock
190 mA @ 24VAC
45 mA @ 110 VAC

- Signal Input: 285 mA @ 24 VAC
68 mA @ 110 VAC
RS485 or 2-Wire Digital Communication
- Signal Output: RS485
- Display Format: 12 or 24 hour mode
- Brightness: Two levels, adjustable
- Mounting: Flush, surface or double mount
- Compliance: UL, cUL listed and FCC approved

Ordering Information



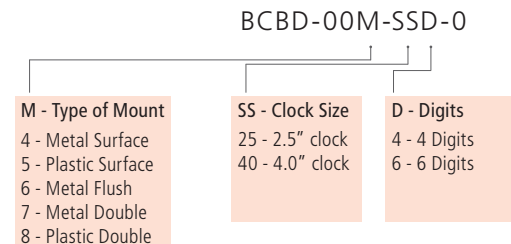
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Examples:

BCBD-103-254-1: BCBD 1000 Series, 2.5", 4 Digit, 110 Volt
BCBD-103-406-4: BCBD 1000 Series, 4.0", 6 Digit, 24 Volt

Housings



Examples:

BCBD-004-404-0 Metal Surface Mount Housing, 4.0" Size, 4 Digit
BCBD-008-256-0 Plastic Double Mount Housing, 2.5" Size, 6 Digit