Interface Converter

Bulletin 900-CONV Front Display / Operations

Terminal Cover

Power Indicator
Lights (green) when line power is supplied.

Communications Setting Switch
Used to set the communications conditions for connected devices.

Switch	Setting
1	
2	Baud Rate
3	
4	Data Length
5	
6	Parity
7	
8	Master Device
9	Slave Device
10	Echoback
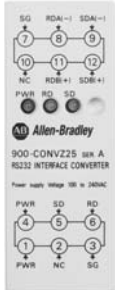
Note: Cover the terminals to prevent electric shock.

Bulletin 900-CONVx without Terminal Cover
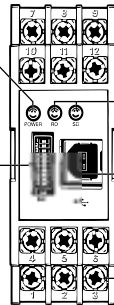
Communications Status Indicators
RD: Amber lights when receiving RS-485 communications.
SD: Amber lights when sending RS-485 communications.

USB Port
(Use a commercially available USB cable)

M3.5 Terminal Screw

Caution: Make sure to use the Bulletin 900-CONV with the terminal cover mounted when using in machinery that must conform to EN/IEC standards.

Bulletin 900 — 900BuilderLite™ (Version 1.2∗) is FREE Personal Computer (PC) Configuration Software for Bulletin 900-TC8 and 900-TC16 Series B Temperature/Process Controllers.

• Provides a tabular fill-in-the-blanks on-line configuration and monitoring option to using the 900-TC8 or 900-TC16 controller's keypad and LED display
• Simplifies controller configuration

• Ability to save parameters to PC storage devices and retrieve as required
• Configuration and monitoring can be done via direct or RS485 networked connection
• Parameters can be saved as a .CSV format for use by Excel

∗ Version 1.2 must be used with the Series B 900-TC8 and 900-TC16. Version 1.1 must be used with Series A 900-TC8 and 900-TC16.

Table of Contents

Product Selection

Description	Cat. No.
900BuilderLite Personal Computer Configuration Software for Bulletin 900-TC8 and 900-TC16 Temperature/Process Controllers with Enhanced Features	**900-BLDLTSW1** ∗

∗ Software is available FREE. To download software, go to the Bulletin 900 website found at: www.ab.com/industrialcontrols/products/relays_timers_and temp_controllers/single_loop_temp-heater_controllers/900tc.html.

Go to "Get Software" (upper right of screen) and click on "900BuilderLite" and follow the download instructions.

Minimum Computer Hardware Requirements

• 300 MHz CPU
• 650 MB free disk space
• SVGA resolution monitor (XGA recommended)
• Microsoft Windows supported mouse
• Available serial 9-pin COM port (COM address 1 to 8) for connection to RS-232 option unit of 900-TC8 or RS-232 to RS-285 converter (Bulletin -CONVxx) for network connection to 31 Bulletin 900-TC8 and/or 900-TC15 controllers
• Available USB port for a direct connection to the 4-pin serial port of an enhanced Bulletin 900-TC8 or 900-TC16 controller using the 900-CPOEM1 to serial communication cable.

Computer Operating System Requirements

The following systems can be used with 900BuilderLite software.
• Microsoft Windows 2000/XP/Vista

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Allen-Bradley