

Abstract

There is provided a terminal block unit capable of reducing wiring work and wiring mistakes to save labor of installation work, flexibly providing necessary functions and, even if the number of contact terminals increases, flexibly providing the necessary functions, with high expandability. A terminal block unit 10 to be a minimum unit for constructing a measurement system using a sensor, or a control system for an apparatus to be monitored and/or controlled, using the measurement system, wherein the terminal block unit 10 is used, intervening between the sensor or the apparatus to be controlled, which is connected lower than the terminal block unit 10, and a host apparatus 28 or 30 connected higher than the terminal block unit 10; the terminal block unit includes a plurality of contact terminals 12 and is electrically connected to the sensor or the apparatus to be controlled, through any of the contact terminals 12; and the terminal block unit 10 is configured so that direct connection is possible between the terminal block unit 10 and another terminal block unit 10 and between the terminal block unit 10 and the host apparatus 28 or 30 through a common bus.

[FIG. 1]