

Drawings

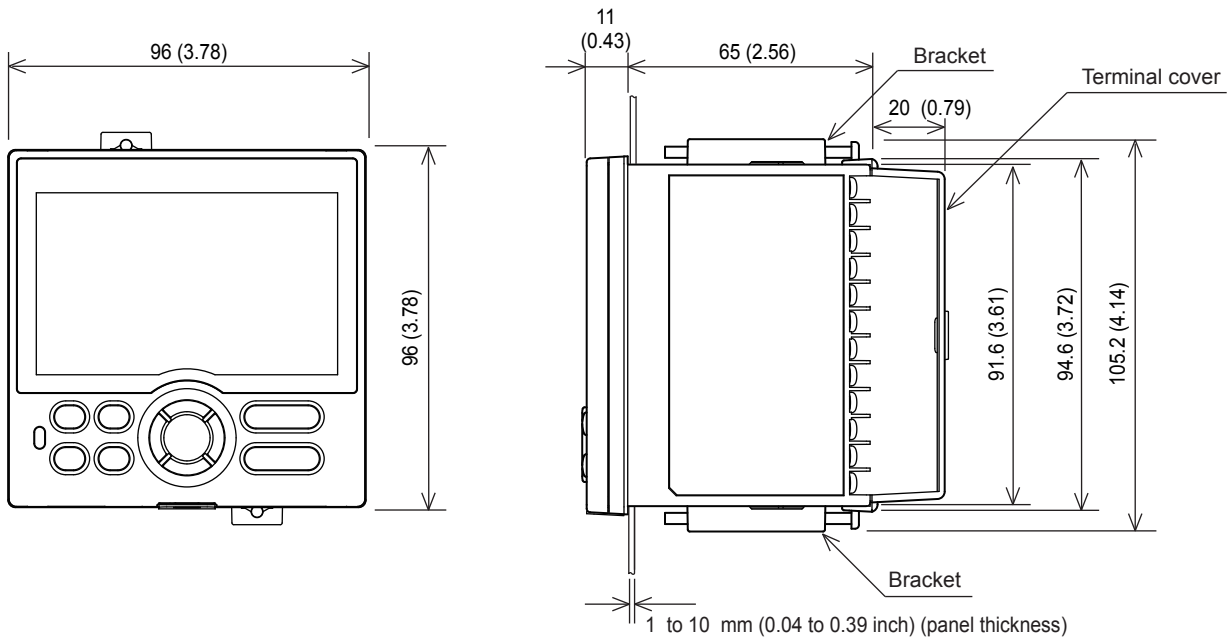
Model UT35A
Digital Indicating Controller



SD 05P01D41-01EN

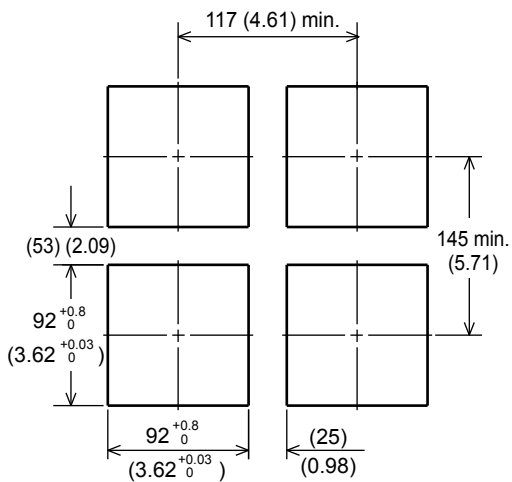
External Dimensions

Unit: mm
(approx. inch)

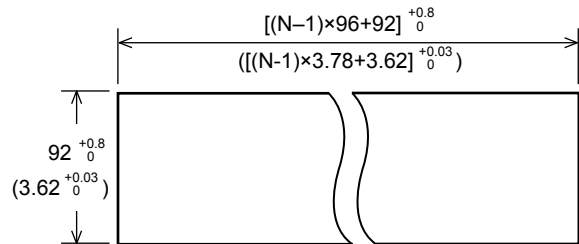


Panel Cutout Dimensions

General mounting



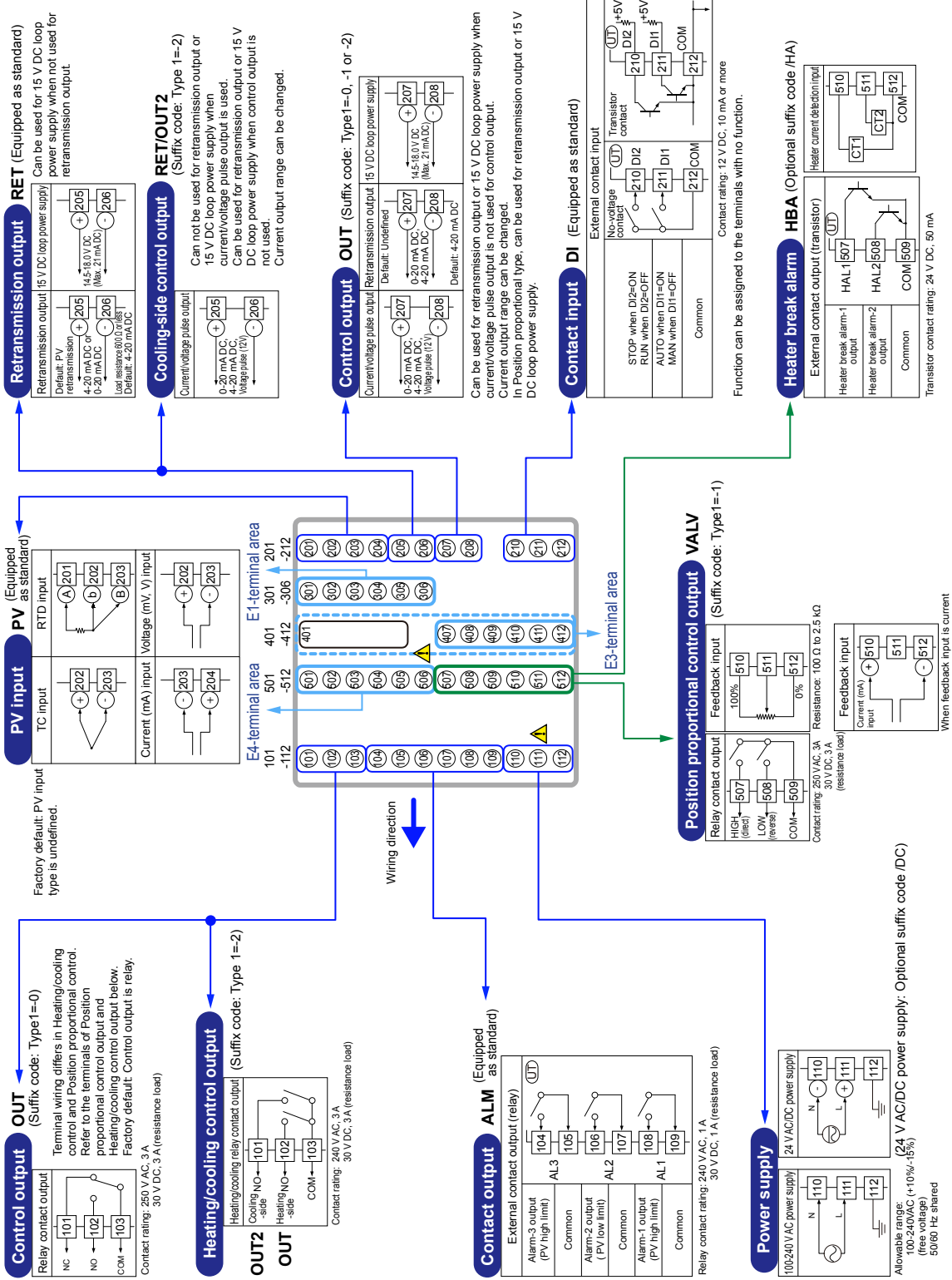
Side-by-side close mounting



"N" stands for the number of controllers to be installed.
However, the measured value applies if N≥5.

Normal tolerance: ±(value of JIS B 0401-1998 tolerance grade IT18) /2

Terminal Wiring Diagrams

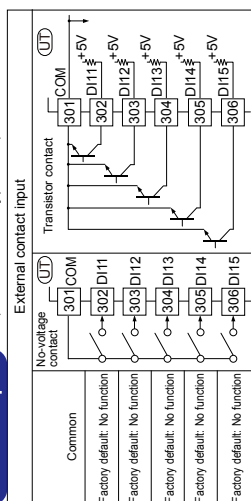


Terminal Wiring Diagrams (E1-Terminal Area and E4-Terminal Area)

301-306

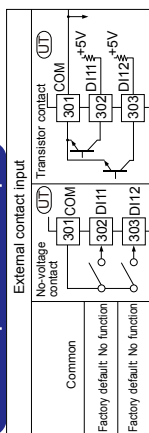
E1-Terminal Area

Contact input DI (Suffix code: Type 2=2)



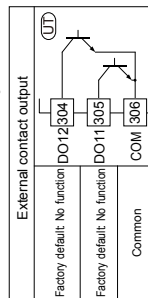
Contact rating: 12 V DC, 10 mA or more
Function can be assigned to the terminals with no function.

Contact input / Contact output DI/DO (Suffix code: Type 2=1)



Contact rating: 12 V DC, 10 mA or more

Function can be assigned to the terminals with no function.

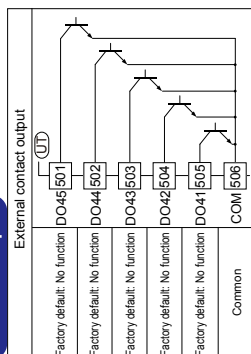


Transistor contact rating, 24 V DC, 50 mA

501-506

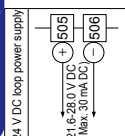
E4-Terminal Area

Contact output DO (Suffix code: Type 2=2)



Transistor contact rating: 24 V DC, 50 mA
Function can be assigned to the terminals with no function.

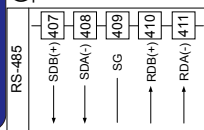
24 V DC loop power supply LPS24 (Optional suffix code /LP)



Terminal Wiring Diagrams (E3-Terminal Area)

401-412 E3-Terminal Area

RS-485 communication (Suffix code: Type 3=1)

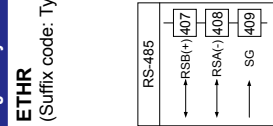


Upper side LED (baud rate)
Color: Amber
Unit: 100M bps
Lower side LED (link activity)
Color: Green
Link: Linked
Active: Active
Link failure: Link failure

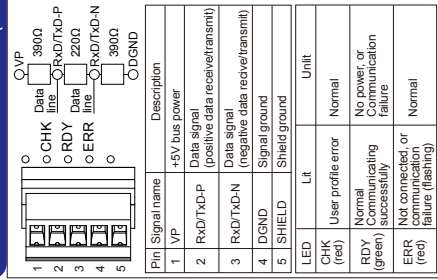


Ethernet communication (with gateway function) (Suffix code: Type 3=2)

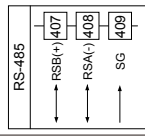
10BASE-T/100BASE-TX RJ45 connector



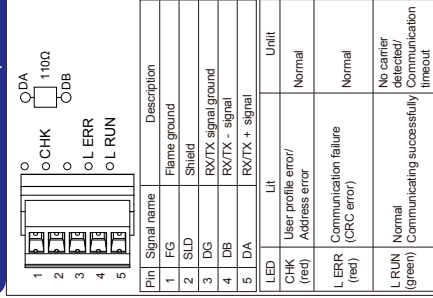
PROFIBUS communication (with Modbus master) (Suffix code: Type 3=4)



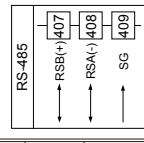
If the UT is located at the end of a segment for the PROFIBUS communication wiring, terminating resistors are separately needed. These are to be prepared by users. (390 Ω: 2 pcs, 220 Ω: 1 pc., or an active terminator)



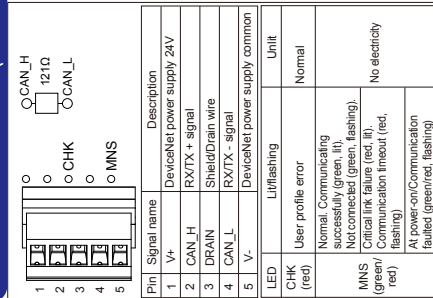
CC-Link communication (with Modbus master) (Suffix code: Type 3=3)



If the UT is located at the end of a segment for the CC-Link communication wiring, terminating resistors are separately needed. These are to be prepared by users. (110 Ω: 1 pc.)



DevicesNet communication (with Modbus master) (Suffix code: Type 3=5, except Type 2=3)



If the UT is located at the end of a segment for the DevicesNet communication wiring, terminating resistors are separately needed. These are to be prepared by users. (121 Ω: 1 pc.)

