

# Drawings

Model UT55A/MDL  
Controller  
(Mount on DIN Rail)

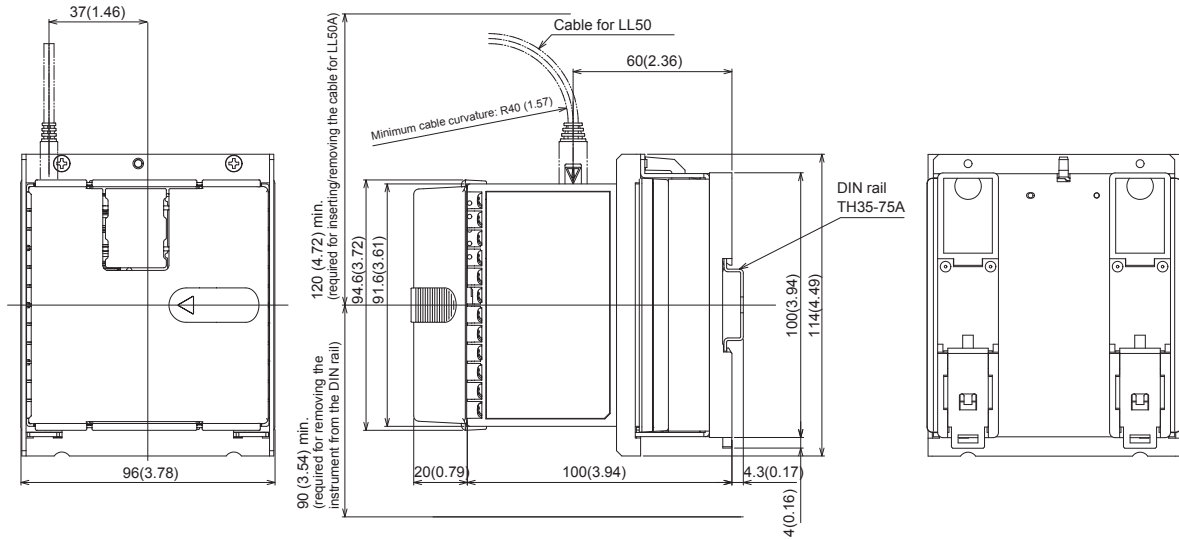
UTAdvanced

Functional  
Enhancement

SD 05P01C41-06EN

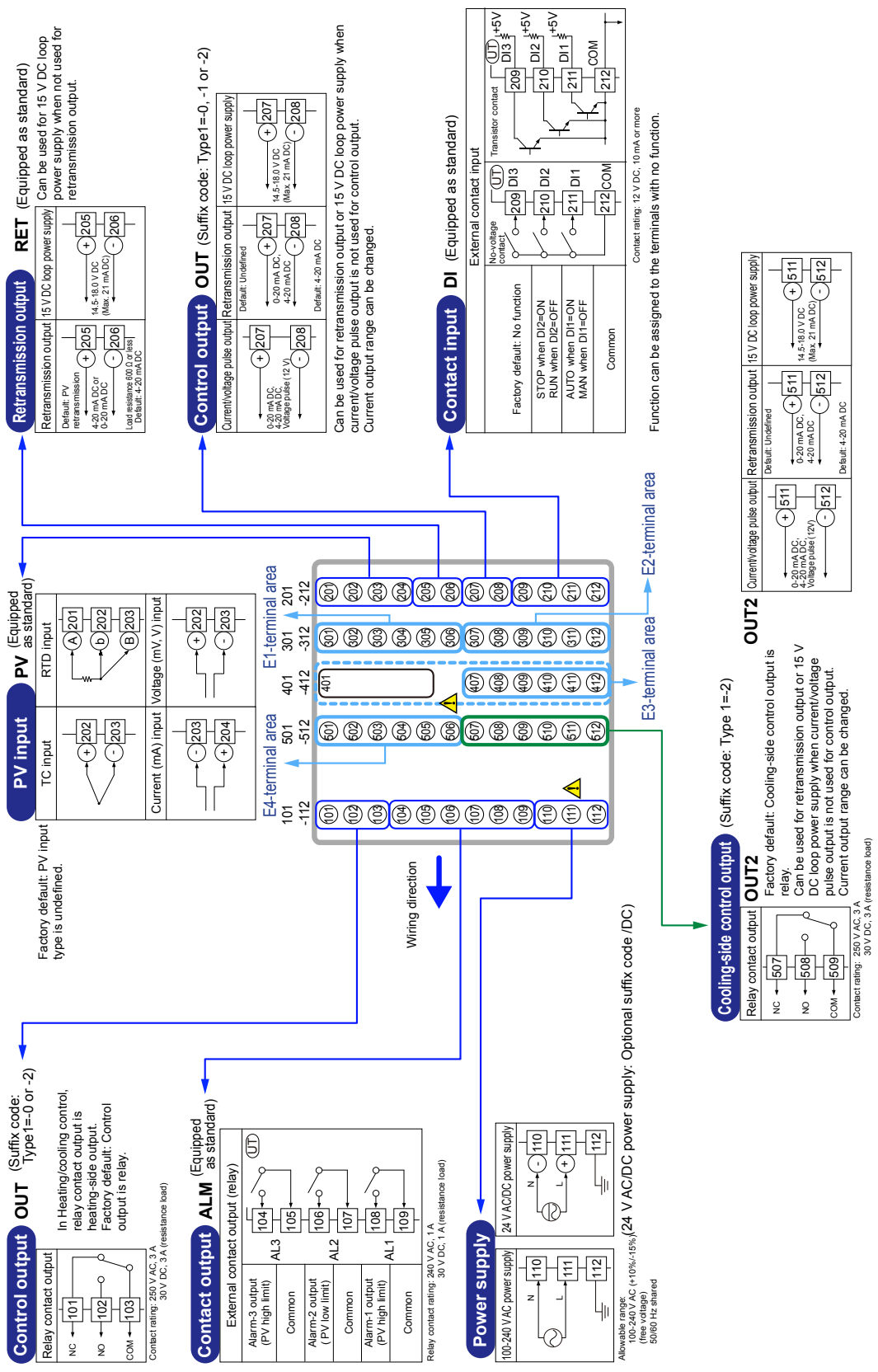
## External Dimensions

Unit: mm  
(approx. inch)

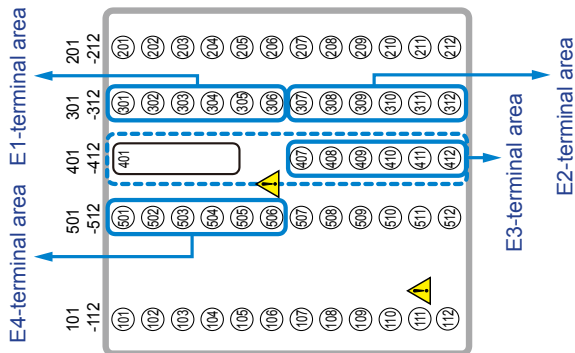


Note:  
Trigonometry  
General tolerance =  $\pm$ (JIS B 0401-1998 tolerance class IT18)/2

# Terminal Wiring Diagrams



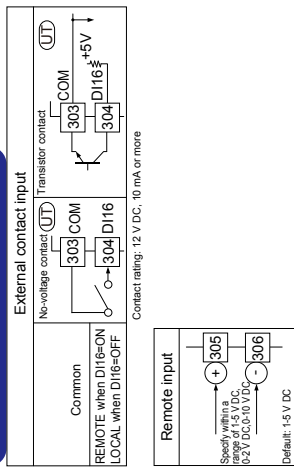
### Terminal Wiring Diagrams (E1-Terminal Area and E2-Terminal Area)



#### 301-306 E1-Terminal Area

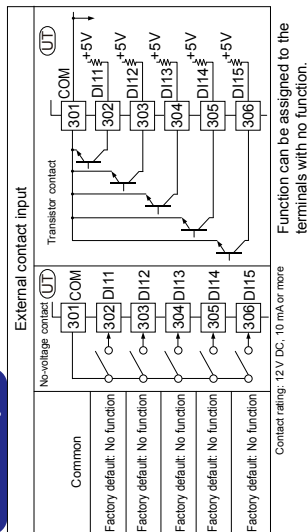
(Suffix code: Type 2=2, 4, 5, or 7)

##### Remote input / Contact input RSP



(Suffix code: Type 2=3)

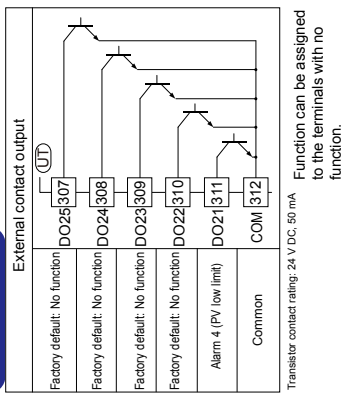
##### Contact input DI



#### 307-312 E2-Terminal Area

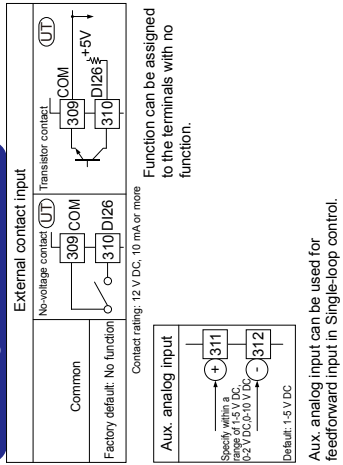
(Suffix code: Type 2=3 or 5)

##### Contact output DO



(Suffix code: Type 2=7)

##### Aux. analog input / Contact input AIN2



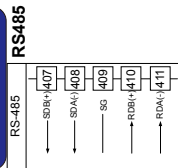
# Terminal Wiring Diagrams (E3-Terminal Area and E4-Terminal Area)

401-412

## E3-Terminal Area

(Suffix code: Type 3=1)

### RS-485 communication

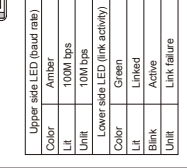


(Suffix code: Type 3=2)

### Ethernet communication (with gateway function)

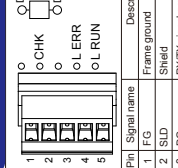
#### ETHER

10BASE-T/100BASE-TX RJ45 connector



(Suffix code: Type 3=3)

### CC-Link communication (with Modbus master)

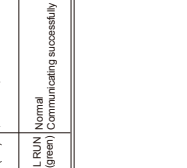


(Suffix code: Type 3=4)

### PROFIBUS-DP communication (with Modbus master)

#### PROF

10BASE-T/100BASE-TX RJ45 connector



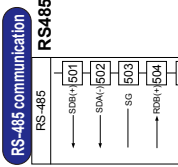
## E4-Terminal Area

501-506

## E4-Terminal Area

(Suffix code: Type 2=2 and without optional suffix code /LP)

### RS-485 communication

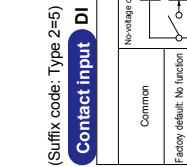


(Suffix code: Type 2=2, 5, or 7 and with optional suffix code /LP)

### 24 V DC loop power supply

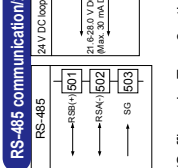
#### LPS24

24 V DC loop power supply



(Suffix code: Type 2=2 and with optional suffix code /LP)

### RS-485 communication/24 V DC loop power supply

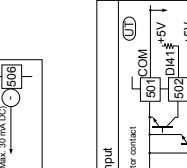


(Suffix code: Type 2=5)

### Contact input

#### DI

Contact rating: 12 V DC, 10 mA or more

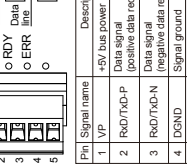


(Suffix code: Type 2=7)

### Aux. analog input/Contact input

#### AIN4

Contact rating: 12 V DC, 10 mA or more

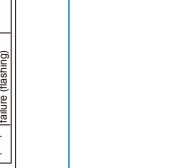


(Suffix code: Type 2=7)

### Aux. analog input

#### AIN4

Contact rating: 12 V DC, 10 mA or more

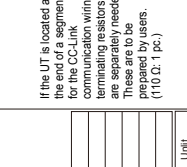


(Suffix code: Type 2=5)

### Contact input

#### DI

Contact rating: 12 V DC, 10 mA or more



(Suffix code: Type 2=5)

### DeviceNet communication (with Modbus master)

#### DNET

Contact rating: 12 V DC, 10 mA or more

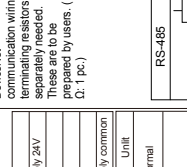


(Suffix code: Type 2=5)

### CC-Link communication (with Modbus master)

#### CC-L

Contact rating: 12 V DC, 10 mA or more



(Suffix code: Type 2=5)

### Aux. analog input

#### AIN4

Contact rating: 12 V DC, 10 mA or more

