IR202-A
Infrared Gas Analyzer
(Type: 19 inch rack mounting type)

unless otherwise specified, differences in the dimensions are specified as: General tolerance = ±(Criteria of tolerance class IT18 in JIS B0401-1998)/2.

Maintenance space

When IR202 is embedded in a panel or in a rack, clear the space of 10 cm on top of each analyzer to expel the radiant heat. When some analyzers are installed in several racks in a unit, clear the space on top of each analyzer.
- **Slide rail (Model: 305A-20/Acuride International Inc.)**
  The rail is pre-installed at factory before delivery.

<19-inch rack mounting method:>
The instrument weight should be supported at the bottom of the unit (or the side of the unit when mounted with the slide rails). For easy maintenance, it is recommended to have an installation that allows the instrument to be withdrawn along the slide rail.

**Unit: mm**

### Slide rail mounted type

**Rack size**
- 450 or more
- 465

**Mounting diagram**
- Slide rails

### Guide rail mounted type *

**Rack size**
- 450 or more
- 465

**Mounting diagram**
- Guide rails

* For the guide rail mounted type, a maintenance space (200 mm or more) should be provided on top of the main unit.
## External Connection Diagram

**Terminal block 1 <TN1>**
- CH5 output (CH5_OUT)
- CH4 output (CH4_OUT)
- CH3 output (CH3_OUT)
- CH2 output (CH2_OUT)
- CH1 output (CH1_OUT)

**Terminal block 2 <TN2>**
- *O2 sensor input (O2_IN)

**Terminal block 3 <TN3>**
- Instrument error (FAULT)
- CH4 range identification signal output (RNG_IDCH4)
- CH3 range identification signal output (RNG_IDCH3)
- CH2 range identification signal output (RNG_IDCH2)
- CH1 range identification signal output (RNG_IDCH1)

**Terminal block 4 <TN4>**
- Contact output for CH4 span calibration (SPAN_CH4)
- Contact output for CH3 span calibration (SPAN_CH3)
- Contact output for CH2 span calibration (SPAN_CH2)
- Contact output for CH1 span calibration (SPAN_CH1)
- Contact output for zero calibration (ZERO)

**Terminal block 5 <TN5>**
- CH3 alarm output (ALM_CH3)
- CH2 alarm output (ALM_CH2)
- CH1 alarm output (ALM_CH1)

*O2 sensor input is used when an external O2 analyzer is selected.

Note: Unassigned terminals are used for internal connection. So they should not be used as repeating terminals either.