

CIMR-J7AZ

Varispeed J7

Small, simple and smart

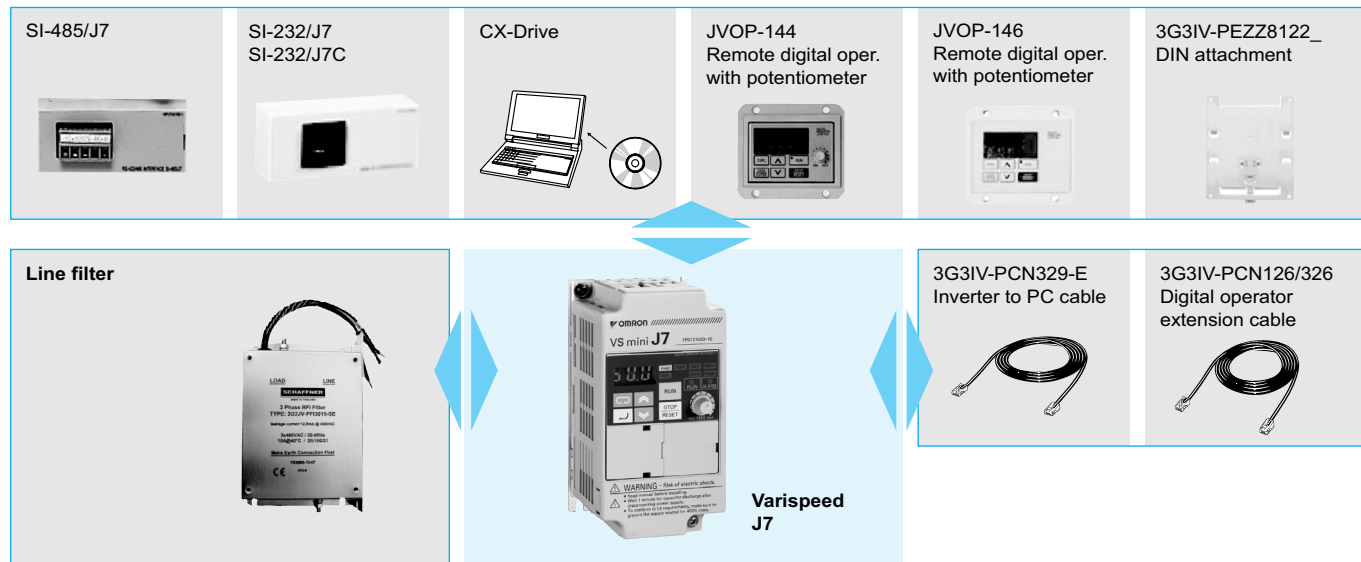
- V/f controlled inverter
- Compact size
- Good torque performance: 100% torque at 1.5 Hz, 150% at 3 Hz
- 150% overload / 60sec
- Overload detection function.
- Motor thermal function
- Freely configurable V/f curve
- 4 programmable digital input
- 1 programmable digital output
- 1 programmable analog output
- Optional RS-232C/485 communication - Modbus
- PC Configuration tool: CX-drive
- CE, UL, and cUL marking

Ratings

- 200 V class single-phase 0.1 to 1.5 kW
- 200 V class three-phase 0.1 to 4.0 kW
- 400 V class three-phase 0.2 to 4.0 kW

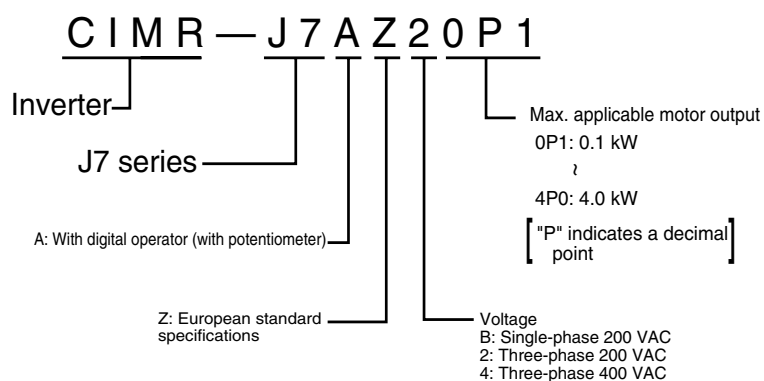


System configuration



Specifications

Type designation



| Voltage class | | 200 V single/three-phase | | | | | | | 400 V three-phase | | | | | | |
|---------------------------------------------------|-----------------------------------|---------------------------------------------------------------------------------------------------------------------|------|------|------|------|------|------|-------------------------------------------------------|------|------|------|------|------|------|
| Model CIMR-J7AZ□ | Three-phase | 20P1 | 20P2 | 20P4 | 20P7 | 21P5 | 22P2 | 24P0 | 40P2 | 40P4 | 40P7 | 41P5 | 42P2 | 43P0 | 44P0 |
| | Single-phase ¹ | B0P1 | B0P2 | B0P4 | B0P7 | B1P5 | — | — | — | — | — | — | — | — | — |
| Max. applicable motor output kW (HP) ² | | 0.12 | 0.25 | 0.55 | 1.1 | 1.5 | 2.2 | 4.0 | 0.37 | 0.55 | 1.1 | 1.5 | 2.2 | 3.0 | 4.0 |
| Output characteristics | Inverter capacity kVA | 0.3 | 0.6 | 1.1 | 1.9 | 3.0 | 4.2 | 6.7 | 0.9 | 1.4 | 2.6 | 3.7 | 4.2 | 5.5 | 7.0 |
| | Rated output current A | 0.8 | 1.6 | 3 | 5 | 8 | 11 | 17.5 | 1.2 | 1.8 | 3.4 | 4.8 | 5.5 | 7.2 | 9.2 |
| | Max. output voltage V | 3-phase, 200 to 230 V (proportional to input voltage) Single-phase, 200 to 240 V (proportional to input voltage) | | | | | | | 3-phase, 380 to 460 V (proportional to input voltage) | | | | | | |
| | Max. output frequency | 400 Hz (programmable) | | | | | | | | | | | | | |
| Power supply | Rated input voltage and frequency | 3-phase, 200 to 230 V, 50/60 Hz Single-phase, 200 to 240 V, 50/60 Hz | | | | | | | 3-phase, 380 to 460 V, 50/60 Hz | | | | | | |
| | Allowable voltage function | −15 to +10% | | | | | | | | | | | | | |
| | Allowable frequency function | ±5% | | | | | | | | | | | | | |

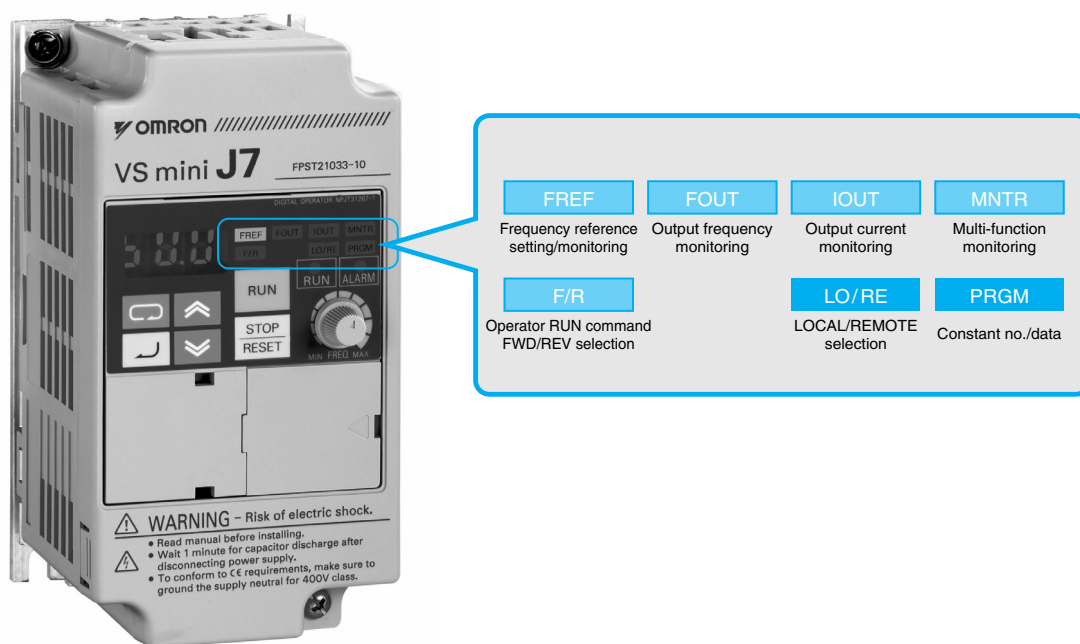
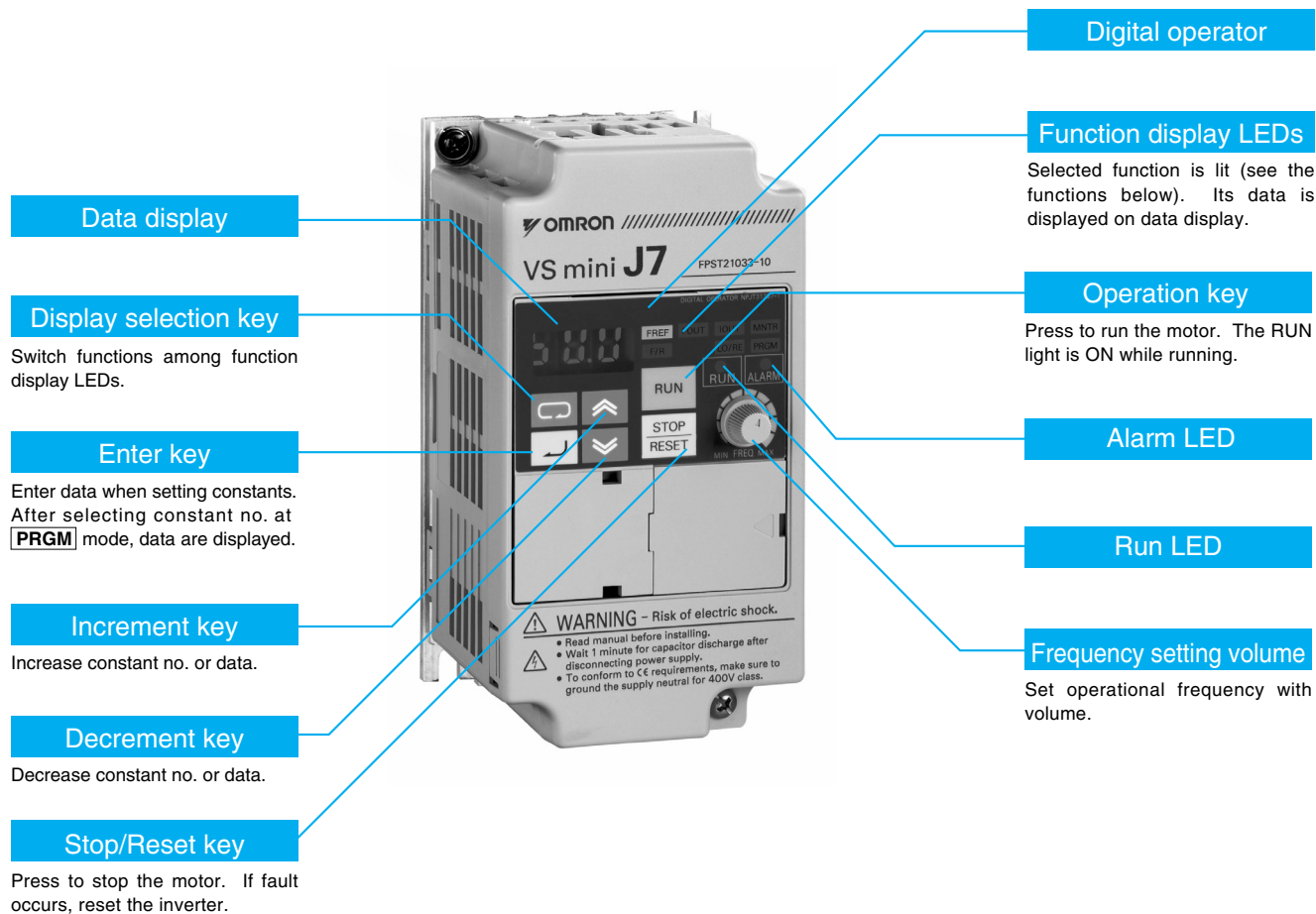
1. Single-phase series inverter output is three-phase (for three-phase motors)
2. Based on a standard 4-pole motor for max. applicable motor output. Select the inverter model whose rated current is larger than motor rated current.

Common specifications

| Model CIMR-J7AZ□ | | Specifications |
|---------------------|-----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Control functions | Control method | Sine wave PWM (V/f control) |
| | Output frequency range | 0.1 to 400 Hz |
| | Frequency tolerance | Digital reference: ±0.01% (–10 to +50 °C), Analog reference: ±0.5% (25±10 °C) |
| | Resolution of frequency set value | Digital reference: 0.01 Hz (less than 100 Hz), 0.1 Hz (100 Hz or more) Analog reference: 1/1000 of max. output frequency |
| | Resolution of output frequency | 0.01 Hz |
| | Overload capability | 150% rated output current for one minute |
| | Frequency set value | 0 to 10 VDC (20 kΩ), 4 to 20 mA (250 Ω), 0 to 20 mA (250 Ω), frequency setting volume (selectable) |
| | Accel/decel time | 0.1 to 999 sec. (accel/decel time are independently programmed) |
| | Braking torque | Short-term average deceleration torque ¹ : 0.1, 0.2 kW (0.13 HP, 0.25 HP): 150% or more; 0.4/0.75 kW (0.5 HP, 1HP): 100% or more; 1.5 kW (2 HP): 50% or more; 2.2 kW (3 HP) or more: 20% or more Continuous regenerative torque: Approx 20% |
| | V/f characteristics | Possible to program any V/f pattern |
| Functionality | Digital inputs | Four of the following input signals are selectable: forward/reverse run (3-wire sequence), fault reset, external fault (NO/NC contact input), multi-step speed operation, jog command, accel/decel time select, external baseblock (NO/NC contact input), speed search command, UP/DOWN command, accel/decel hold command, LOCAL/REMOTE selection, communication/control circuit terminal selection, emergency stop fault, emergency stop alarm, self test |
| | Digital outputs | Following output signals are selectable (NO/NC contact output): Fault, running, zero speed, speed agreed, frequency detection (output frequency ≤ or ≥ set value), during overtorque detection, minor error, during baseblock, operation mode, inverter run ready, during fault retry, during undervoltage detection, reverse running, during speed search, data output through communication |
| | Standard functions | Full-range automatic torque boost, slip compensation, 9-step speed operation (max.), restart after momentary power loss, DC injection braking current at stop/start (50% of inverter rated current, 0.5 sec, or less), frequency reference bias/gain, fault retry, speed search, frequency upper/lower limit setting, overtorque detection, frequency jump, accel/decel time switch, accel/decel prohibited, S-curve accel/decel, frequency reference with built-in volume, constants copy (option) MEMOBUS communications (option) |
| | Display | Status indicator LED: RUN and ALARM provided as standard LED's Digital operator: available to monitor frequency reference, output frequency, output current |
| Protection | Motor overload protection | Electronic thermal overload relay |
| | Instantaneous overcurrent | Motor coasts to a stop at approx. 250% of inverter rated current |
| | Overload | Motor coasts to a stop after 1 minute at 150% of inverter rated output current |
| | Overvoltage | Motor coasts to a stop if DC bus voltage exceed 410 V (double for 400 V class) |
| | Undervoltage | Stops when DC bus voltage is approx. 200 V or less (double for 400 V class) (approx. 160 V or less for single-phase series) |
| | Momentary power loss | Following items are selectable: Nnot provided (stop if power loss is 15ms or longer), continuous operation if power loss is approx. 0.5 s or shorter, continuous operation |
| | Cooling fin overheat | Protected by thermister |
| | Stall prevention level | Individual level stall prevention can be set during acceleration or constant running, provided/not provided setting available during deceleration. |
| | Cooling fan fault | Detected by electronic circuit (fan lock detection) |
| | Ground fault | Protected by electronic circuit (operation level is approx. 250% of rated output current) |
| | Power charge indication | ON until the DC bus voltage becomes 50 V or less, RUN lamp stays ON or digital operator LED stays ON. (Charge LED is provided for 400 V) |
| Ambient conditions | Degree of protection | IP20 |
| | Cooling | Self cooling for 200 V 0.1..0.75 kW (single-phase) 0.1..0.4 kW (Three-phase) and for 400 V 0.2..0.75 kW Cooling fan for 200 V (single-phase), 0.75 kW..4.0 kW (3-phase) and for 400 V 1.5..4.0 kW |
| | Ambient temperature | –10 °C to 50 °C (non-freezing) |
| | Ambient humidity | 90% RH or less (non-condensing) |
| | Storage temperature | –20 °C..+60 °C (short-term temperature during transportation) |
| | Installation | Indoor (no corrosive gas, dust, etc.) |
| | Installation height | Max. 1000 m |
| | Vibration | 10 to 20 Hz, 9.8 m/s ² max; 20 to 50 Hz, 2m/s ² max |

1. Shows deceleration torque for uncoupled motor decelerating from 60 Hz with the shortest possible deceleration time.

Digital operator



Dimensions

IP 20 type 0.1 to 4 kW

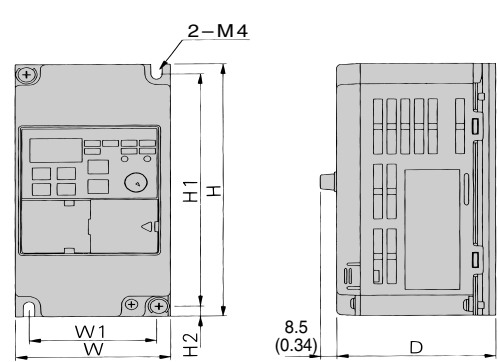


Figure 1

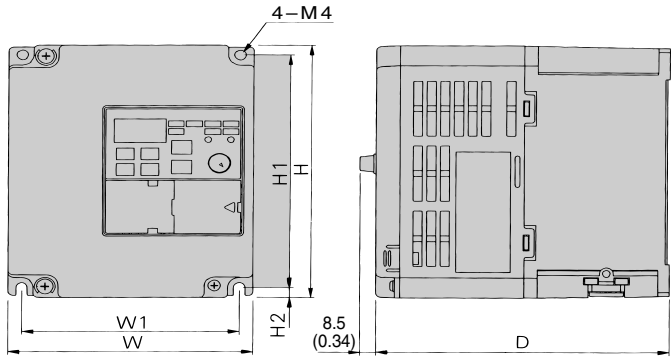
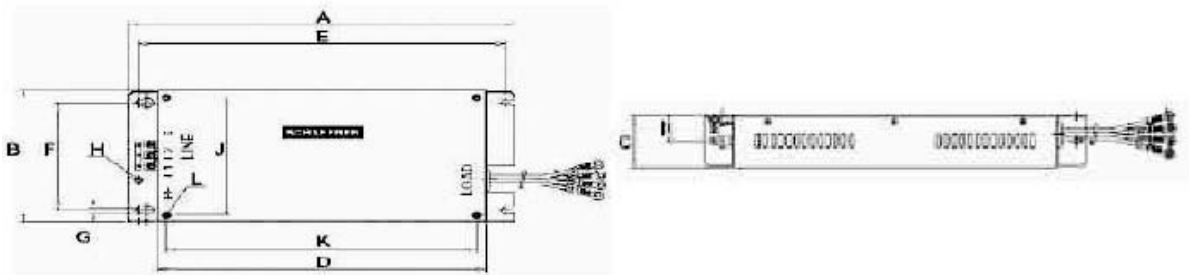


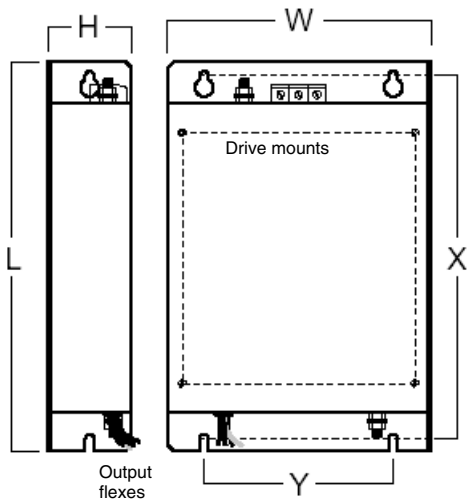
Figure 2

| Voltage class | Max. applicable motor output kW | Inverter model CIMR-J7AZ□ | Figure | Dimensions in mm | | | | | | Weight kg | Cooling method |
|--------------------|---------------------------------|---------------------------|--------|------------------|-----|-----|-----|-----|-----|------------|----------------|
| | | | | W | H | D | W1 | H1 | H2 | | |
| 200 V three-phase | 0.12 | 20P1 | 1 | 68 | 128 | 70 | 56 | 118 | 5 | 0.5 | Self cooled |
| | 0.25 | 20P2 | | | | | | | | 7.7 | |
| | 0.55 | 20P4 | | | | 102 | | | | 0.8 | |
| | 1.1 | 20P7 | | | | 122 | | | | 0.9 | Fan cooled |
| | 1.5 | 21P5 | 2 | 108 | 129 | 96 | 118 | 1.3 | | | |
| | 2.2 | 22P2 | | | 154 | | | 1.5 | | | |
| | 4.0 | 24P0 | | | 161 | | | 128 | 2.1 | | |
| 200 V single-phase | 0.1 | B0P1 | 1 | 68 | 128 | 70 | 56 | 118 | 5 | 0.5 | Self cooled |
| | 0.2 | B0P2 | | | | | | | | | |
| | 0.4 | B0P4 | | | | | | | | 112 | |
| | 0.75 | B0P7 | 2 | 108 | | 129 | 96 | | 1.5 | Fan cooled | |
| | 1.5 | B1P5 | | | | 154 | | | | | |
| 400 V three-phase | 0.37 | 40P2 | 2 | 108 | 128 | 81 | 96 | 118 | 5 | 1.0 | Self cooled |
| | 0.55 | 40P4 | | | | 99 | | | | 1.1 | |
| | 1.1 | 40P7 | | | | 129 | | | | 1.5 | |
| | 1.5 | 41P5 | | | | 154 | | | | | |
| | 2.2 | 42P2 | | | | 140 | | | | 161 | 128 |
| | 3.0 | 43P0 | | | | | | | | | |
| | 4.0 | 44P0 | | | | | | | | | |

Filters



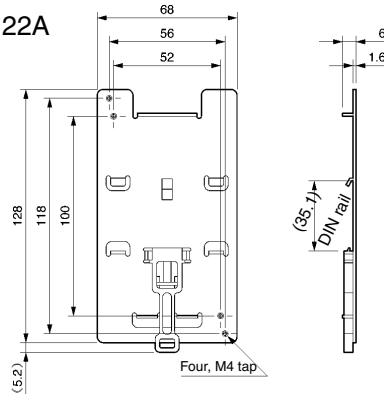
| Schaffner model | | Dimensions | | | | | | | | | | | |
|-----------------|------------------|------------|-----|----|-----|-----|-----|-----|----|----|-----|-----|----|
| | | A | B | C | D | E | F | G | H | I | J | K | L |
| 3x200 V | 3G3JV-PFI2010-SE | 194 | 82 | 50 | 160 | 181 | 62 | 5.3 | M5 | 25 | 56 | 118 | M4 |
| | 3G3JV-PFI2020-SE | 169 | 111 | 50 | 135 | 156 | 91 | 5.5 | M5 | 25 | 96 | 118 | M4 |
| 1x200 V | 3G3JV-PFI1010-SE | 169 | 71 | 45 | 135 | 156 | 51 | 5.3 | M5 | 22 | 56 | 118 | M4 |
| | 3G3JV-PFI1020-SE | 169 | 111 | 50 | 135 | 156 | 91 | 5.3 | M5 | 25 | 96 | 118 | M4 |
| 3x400 V | 3G3JV-PFI3005-SE | 169 | 111 | 50 | 135 | 156 | 91 | 5.3 | M5 | 22 | 96 | 118 | M4 |
| | 3G3JV-PFI3010-SE | 169 | 111 | 50 | 135 | 156 | 91 | 5.3 | M5 | 22 | 96 | 118 | M4 |
| | 3G3JV-PFI3020-SE | 174 | 144 | 50 | 135 | 61 | 120 | 5 | M5 | 28 | 128 | 118 | M4 |



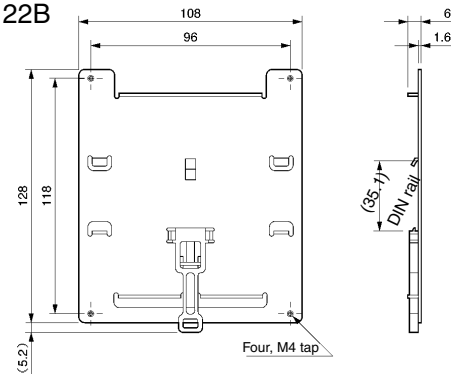
| Rasmi model | | Dimensions | | | | | |
|-------------|-----------------|------------|----|-----|-----|-----|-----------------|
| | | W | H | L | X | Y | Inverter fixing |
| 3x200 V | 3G3JV-PFI2010-E | 82 | 50 | 194 | 181 | 62 | M5 |
| | 3G3JV-PF2020-E | 111 | 50 | 169 | 156 | 91 | M5 |
| | 3G3JV-PFI2030-E | 144 | 50 | 174 | 161 | 120 | M5 |
| 1x200 V | 3G3JV-PFI1010-E | 71 | 45 | 169 | 156 | 51 | M5 |
| | 3G3JV-PFI1020-E | 111 | 50 | 169 | 156 | 91 | M5 |
| 3x400 V | 3G3JV-PFI3005-E | 111 | 50 | 169 | 156 | 91 | M5 |
| | 3G3JV-PFI3010-E | 111 | 50 | 169 | 156 | 91 | M5 |
| | 3G3JV-PFI3020-E | 144 | 50 | 174 | 161 | 120 | M5 |

DIN rail mounting bracket

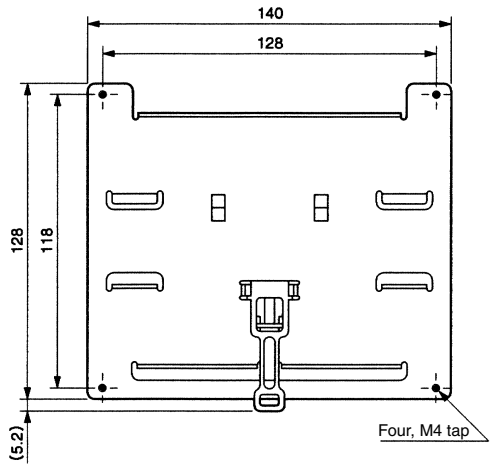
3G3IV-PEZZ08122A



3G3IV-PEZZ08122B



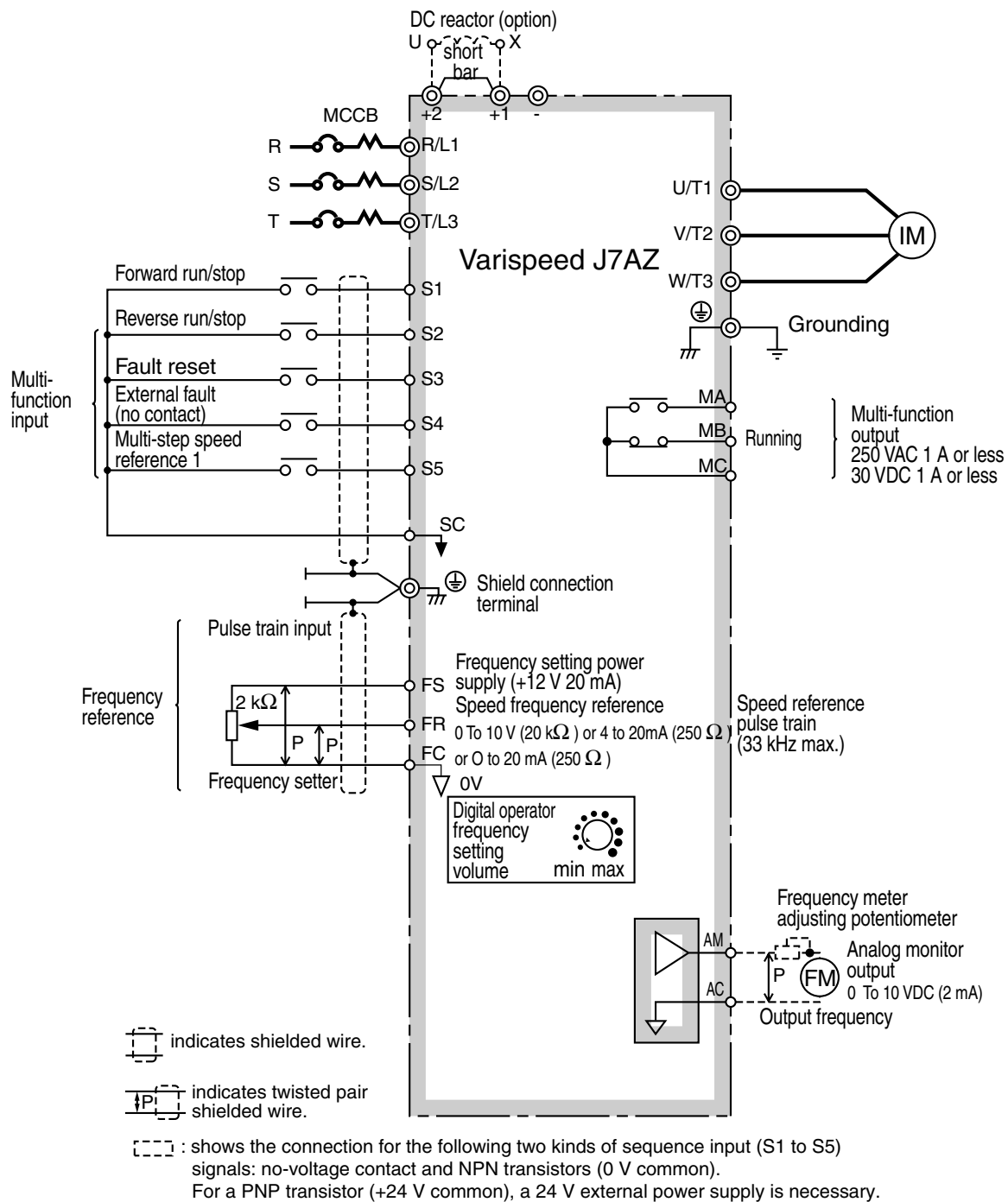
3G3IV-PEZZ08122C



| | Inverter | DIN rail mounting bracket |
|----------------------|-----------------------------------|---------------------------|
| 3-phase 200 VAC | CIMR-J7AZ20P1/20P2/20P4/20P7 | 3G3IV-PEZZ08122A |
| | CIMR-J7AZ21P5/22P2 | 3G3IV-PEZZ08122B |
| | CIMR-J7AZ24P0 | 3G3IV-PEZZ08122C |
| Single-phase 200 VAC | CIMR-J7AZB0P1/B0P2/B0P4 | 3G3IV-PEZZ08122A |
| | CIMR-J7AZB0P7/B1P5 | 3G3IV-PEZZ08122B |
| 3-phase 400 VAC | CIMR-J7AZ40P2/40P4/40P7/41P5/42P2 | 3G3IV-PEZZ08122B |
| | CIMR-J7AZ43P0/44P0 | 3G3IV-PEZZ08122C |

Installation

Standard connections

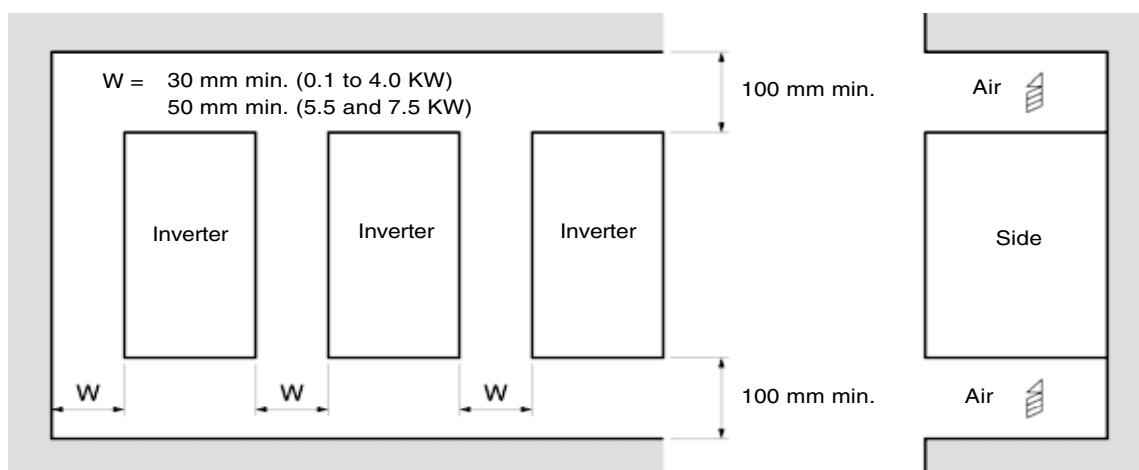


Main circuit

| Terminal | Name | Function (signal level) |
|------------------|-----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| R/L1, S/L2, T/L3 | AC power supply input | Main circuit power supply input (Use R/L1 and S/L2 for single-phase power supply inverter. Do not use T/L3 of the models less than 0.75kW for other usage, such as a junction terminal.) |
| U/T1, V/T2, W/T3 | Inverter output | For inverter output |
| +2, +1 | DC reactor connection | Remove the short bar between +2 and +1 when connecting DC reactor (option) |
| +1, – | DC power supply input | For power supply input (+1: positive electrode; – : negative electrode)* |
| ⊕ | Grounding | For grounding (grounding should conform to the local grounding code.) |

Control circuit

| Type | No. | Signal name | Function | Signal level |
|------------------------|-----|---------------------------------------------|------------------------------------------------------------------------------------|---------------------------------------------------------------|
| Digital input signals | S1 | Multi-function input selection 1 | Factory setting: runs when CLOSED, stops when OPEN. | 24VDC, 8mA photocoupler isolation |
| | S2 | Multi-function input selection 2 | Factory setting: runs when CLOSED, stops when OPEN. | |
| | S3 | Multi-function input selection 3 | Factory setting: "fault reset" | |
| | S4 | Multi-function input selection 4 | Factory setting: "external fault (NO contact)" | |
| | S5 | Multi-function input selection 5 | Factory setting: "multi-step speed reference 1" | |
| | SC | Multi-function input selection common | Common for control signal | |
| Analog input signals | FS | Power supply terminal for frequency setting | +12V (allowable current: 20 mA max.) | |
| | FR | Speed frequency reference | 0 to +10 VDC (20 kΩ) or 4 to 20 mA (250 Ω), 0 to 20 mA (250 Ω) (resolution 1/1000) | |
| | FC | Frequency reference common | 0 V | |
| Digital output signals | MA | NO contact output | Factory setting: "running" | Contact capacity 250 VAC, 1A or less 30 VDC, 1A or less |
| | MB | NC contact output | | |
| | MC | Contact output common | | |
| Analog output signals | AM | Analog monitor output | Factory setting: "output frequency" 0 to +10 V output | 0 to 10 V 2 mA or less Resolution: 8bits |
| | AC | Analog monitor common | 0 V | |



Inverter heat loss

Three-phase 200 V class

| CIMR-J7AZ | | 20P1 | 20P2 | 20P4 | 20P7 | 21P5 | 22P2 | 24P0 |
|-----------------------|-----------------|------|------|------|------|------|------|-------|
| Inverter capacity kVA | | 0.3 | 0.6 | 1.1 | 1.9 | 3.0 | 4.2 | 6.7 |
| Rated current A | | 0.8 | 1.6 | 3.0 | 5.0 | 8.0 | 11.0 | 17.5 |
| Heat loss W | Fin | 3.7 | 10.3 | 15.8 | 28.4 | 53.7 | 60.4 | 96.7 |
| | Inside unit | 9.3 | 18.0 | 12.3 | 16.7 | 19.1 | 34.4 | 52.4 |
| | Total heat loss | 13.0 | 18.0 | 28.1 | 45.1 | 72.8 | 94.8 | 149.1 |

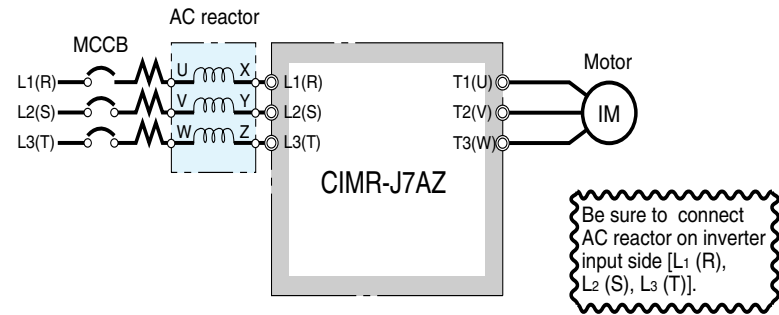
Single-phase 200 V class

| CIMR-J7AZ | | B0P1 | B0P2 | B0P4 | B0P7 | B1P5 |
|-----------------------|-----------------|------|------|------|------|------|
| Inverter capacity kVA | | 0.3 | 0.6 | 1.1 | 1.9 | 3.0 |
| Rated current A | | 0.8 | 1.6 | 3.0 | 5.0 | 8.0 |
| Heat loss W | Fin | 3.7 | 7.7 | 15.8 | 28.4 | 53.7 |
| | Inside unit | 10.4 | 12.3 | 16.1 | 23.0 | 29.1 |
| | Total heat loss | 14.1 | 20.1 | 31.9 | 51.4 | 82.8 |

Three-phase 400 V class

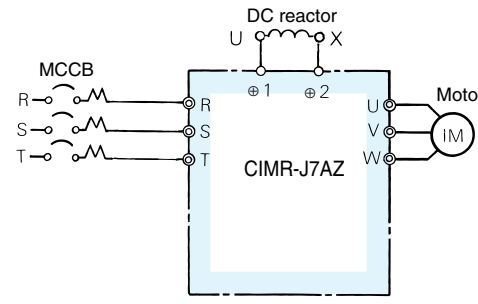
| CIMR-J7AZ | | 40P2 | 40P4 | 40P7 | 41P5 | 42P2 | 43P0 | 44P0 |
|-----------------------|-----------------|------|------|------|------|------|------|-------|
| Inverter capacity kVA | | 0.9 | 1.4 | 2.6 | 3.7 | 4.2 | 5.5 | 7.0 |
| Rated current A | | 1.2 | 1.8 | 3.4 | 4.8 | 5.5 | 7.2 | 9.2 |
| Heat loss W | Fin | 9.4 | 15.1 | 30.3 | 45.8 | 50.5 | 58.2 | 73.4 |
| | Inside unit | 13.7 | 15.0 | 24.6 | 29.9 | 32.5 | 37.6 | 44.5 |
| | Total heat loss | 23.7 | 30.1 | 54.9 | 75.7 | 83.0 | 95.8 | 117.9 |

AC reactor



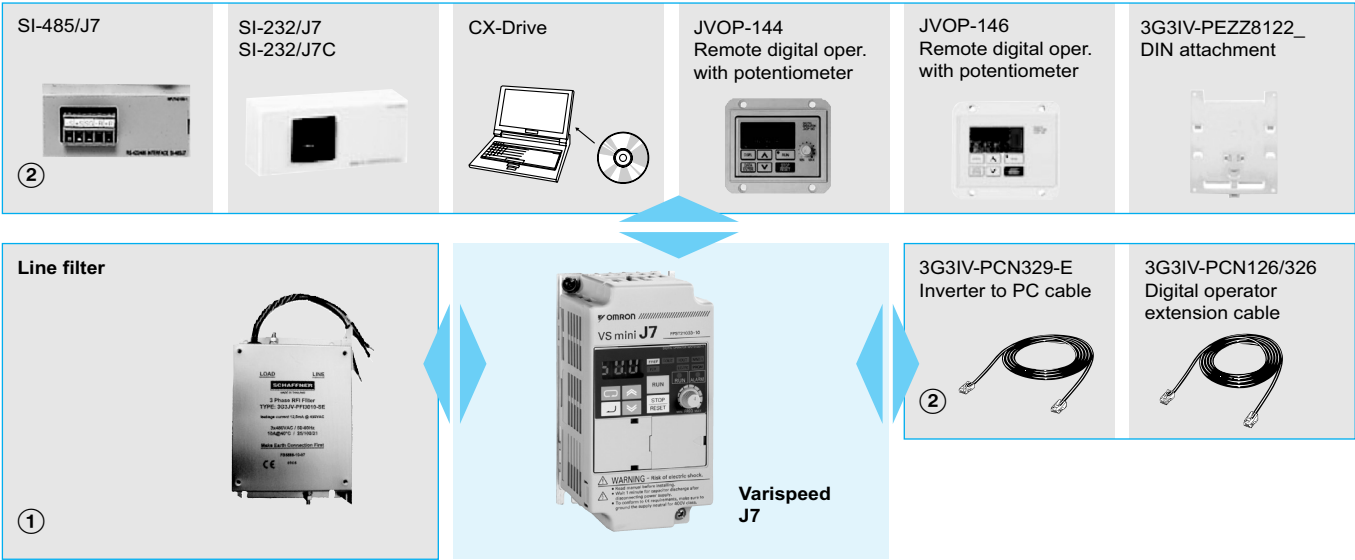
| 200 V class | | | 400 V class | | |
|---------------------------------|-----------------|---------------|---------------------------------|-----------------|---------------|
| Max. applicable motor output kW | Current value A | Inductance mH | Max. applicable motor output kW | Current value A | Inductance mH |
| 0.1 | 2.0 | 2.0 | ----- | | |
| 0.2 | 2.0 | 2.0 | 0.2 | 1.3 | 18.0 |
| 0.4 | 2.5 | 4.2 | 0.4 | | |
| 0.75 | 5 | 2.1 | 0.75 | 2.5 | 8.4 |
| 1.5 | 10 | 1.1 | 1.5 | 5 | 4.2 |
| 2.2 | 15 | 0.71 | 2.2 | 7.5 | 3.6 |
| 4.0 | 20 | 0.53 | 4.0 | 10 | 2.2 |

DC reactor



| 200 V class | | | 400 V class | | |
|---------------------------------|-----------------|---------------|---------------------------------|-----------------|---------------|
| Max. applicable motor output kW | Current value A | Inductance mH | Max. applicable motor output kW | Current value A | Inductance mH |
| 0.12 | 5.4 | 8 | ----- | | |
| 0.25 | | | 0.37 | 3.2 | 28 |
| 0.55 | | | 0.55 | | |
| 1.1 | | | 1.1 | | |
| 1.5 | 18 | 3 | 1.5 | 5.7 | 11 |
| 2.2 | | | 2.2 | | |
| 4.0 | | | 4.0 | | |
| | | | | 12 | 6.3 |

Ordering information



Varispeed J7



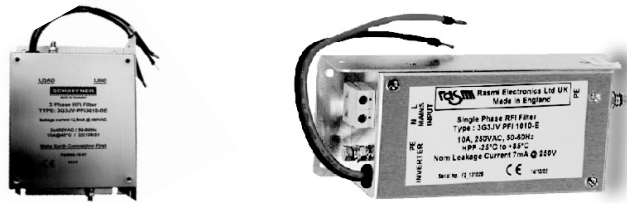
200 V

| Specifications | | | Model |
|----------------|---------|--------|----------------|
| 1x200 V | 0.12 Kw | 0.8 A | CIMR-J7AZB0P10 |
| | 0.25 Kw | 1.6 A | CIMR-J7AZB0P20 |
| | 0.55 Kw | 3.0 A | CIMR-J7AZB0P40 |
| | 1.1 Kw | 5.0 A | CIMR-J7AZB0P70 |
| | 1.5 Kw | 8.0 A | CIMR-J7AZB1P50 |
| 3x200 V | 0.12 Kw | 0.8 A | CIMR-J7AZ20P10 |
| | 0.25 Kw | 1.6 A | CIMR-J7AZ20P20 |
| | 0.55 Kw | 3.0 A | CIMR-J7AZ20P40 |
| | 1.1 Kw | 5.0 A | CIMR-J7AZ20P70 |
| | 1.5 Kw | 8.0 A | CIMR-J7AZ21P50 |
| | 2.2 Kw | 11.0 A | CIMR-J7AZ22P20 |
| | 4.0 Kw | 17.5 A | CIMR-J7AZ24P00 |

400 V

| Specifications | | | Model |
|----------------|---------|-------|----------------|
| 3x400 V | 0.37 Kw | 1.2 A | CIMR-J7AZ40P20 |
| | 0.55 Kw | 1.8 A | CIMR-J7AZ40P40 |
| | 1.1 Kw | 3.4 A | CIMR-J7AZ40P70 |
| | 1.5 Kw | 4.8 A | CIMR-J7AZ41P50 |
| | 2.2 Kw | 5.5 A | CIMR-J7AZ42P20 |
| | 3.0 Kw | 7.2 A | CIMR-J7AZ43P00 |
| | 4.0 Kw | 9.2 A | CIMR-J7AZ44P00 |

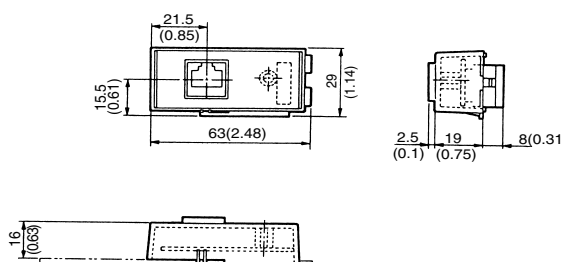
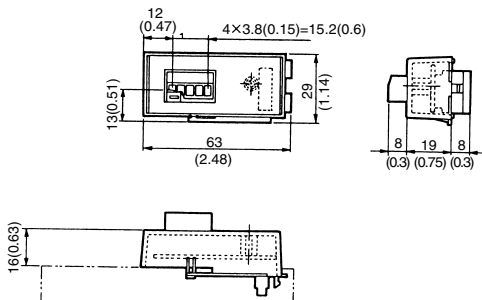
① Line filters



| Inverter | | Line filter | | | |
|----------------------|---------------------------|------------------|-----------------|-------------------|-------------|
| Voltage | Model CIMR-J7AZ | Schaffner | Rasmi | Rated current (A) | Weight (kg) |
| 3-phase 200 VAC | 20P1 / 20P2 / 20P4 / 20P7 | 3G3JV-PFI2010-SE | 3G3JV-PFI2010-E | 10 | 0.68 |
| | 21P5 / 22P2 | 3G3JV-PFI2020-SE | 3G3JV-PFI2020-E | 16 | 0.84 |
| | 24P0 | --- | 3G3JV-PFI2030-E | 26 | 1.0 |
| Single-phase 200 VAC | B0P1 / B0P2 / B0P4 | 3G3JV-PFI1010-SE | 3G3JV-PFI1010-E | 10 | 0.45 |
| | B0P7 / B1P5 | 3G3JV-PFI1020-SE | 3G3JV-PFI1020-E | 20 | 0.68 |
| 3-phase 400 VAC | 40P2 / 40P4 | 3G3JV-PFI3005-SE | 3G3JV-PFI3005-E | 5 | 0.57 |
| | 40P7 / 41P5 / 42P2 | 3G3JV-PFI3010-SE | 3G3JV-PFI3010-E | 10 | 0.67 |
| | 43P0 / 44P0 | 3G3JV-PFI3020-SE | 3G3JV-PFI3020-E | 20 / 15 | 1.0 |

② Accessories

| Type | Model | Description | Funtions |
|------------------|----------|-----------------------------------------------|----------|
| Digital operator | JVOP-146 | Remote digital operator without potentiometer | |
| | JVOP-144 | Remote digital operator with potentiometer | |

| Type | Model | Description | Functions |
|-----------------|------------------------------|---------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Interface units | SI-232/J7 (3G3JV-PSI232J) | RS232 adapter | <p>Another option SI-232/J7C (3G3JV-PSI232JC) is available, the only difference is that this one is removable.</p>  |
| | SI-485/J7 (3G3JV-PSI485J) | RS485 adapter |  |
| Accessories | 3G3IV-PCN126 3G3IV-PCN326 | Digital operator extension cable 1 meter 3 meters | SI232/J7 must be connected |
| | 3G3IV-PCN329-E | PC configuration cable | SI232/J7 must be connected |

② Accessories

| Type | Model | Description | Installation |
|----------|----------|-------------------|--------------------------------------------------------|
| Software | CX-drive | Computer software | Configuration and monitoring software tool for drives. |
| | CX-One | Computer software | Complete OMRON automation software including CX-drive. |

ALL DIMENSIONS SHOWN ARE IN MILLIMETERS.

To convert millimeters into inches, multiply by 0.03937. To convert grams into ounces, multiply by 0.03527.