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You can read the recommendations in the user guide, the technical guide or the installation guide for OMRON V1000 INVERTER. You'll find the answers to all your questions on the OMRON V1000 INVERTER in the user manual (information, specifications, safety advice, size, accessories, etc.). Detailed instructions for use are in the User's Guide.

User manual OMRON V1000 INVERTER
User guide OMRON V1000 INVERTER
Operating instructions OMRON V1000 INVERTER
Instructions for use OMRON V1000 INVERTER
Instruction manual OMRON V1000 INVERTER



OMRON

THE NEW V1000 INVERTER
10 x 100 = 1

Designed for:

- » 10 years lifetime
- » 100% expectation match
- » 1 in 10,000 field failure rate

realizing



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Manual abstract:

Compact and sensor-less, the V1000 has all of the features and performance that you have grown to expect from the world's leading inverter/drive manufacturer. But you have not met an inverter quite like the V1000. Its new features, not only enable it to outperform previous inverters and make it even easier for users to install and set up, it is also compact by far. @@@@And we never stop working to improve quality even further. @@@@The result is an expected failure rate of less than 0.01%. Performance guaranteed V1000 is able to increase the output current by around 20% when moving down in frequency carrier thanks to its double rating. The standard setting is heavy duty (HD: 150% rated current/ 1min) and increasing output current when in the normal duty mode (ND: 120% rated current/1 Min). Advanced Industrial Automation Time and space saving 100% guaranteed Easy Shielding Space-saving side-by-side mounting Remember when side-by-side mounting meant having to leave spaces for ventilation? Well, not with the V1000. A special alloy, hybrid cooling fin (patent pending) allows you to mount multiple units close together without overheating problems and saving vast amounts of panel space. Time-saving screw-less terminals Have you ever stopped to think how much time it takes to wire hundreds of terminals with twelve screws per inverter? With the V1000, you can reduce installation time (and therefore costs) considerably thanks to the use of screw-less terminals. Cost-saving EMC filter A built-in EMC filter will save you the task of having to take special precautions for EMC shielding during installation. The optional, factory-installed filter will not only save on installation costs, it also reduces the bill of materials for external parts and simplifies logistics. Work-saving set-up Setting up Omron inverter and servo drives is now easier than ever, following the release of a new version of the company's versatile CX-Drive drive configuration software package. New features, all of which save time, include automatic recognition of drive series and type, an oscilloscope function, and facilities for connecting a single PC running Configurator to multiple drives.

During parameter selection, all parameters are fully described, and many, including those associated with PID loops and jump frequency operation, are set with the aid of graphical control diagrams. Extensive help screens and tool tips are also provided. In addition to aiding drive setup, Omron's CX-Drive also provides comprehensive facilities, status indications and alarms to assist with commissioning and fault-finding. Drive inputs and outputs can be monitored in real time, while the oscilloscope function allows detailed analysis of drive operation, without the need for additional test equipment CX-Drive enhances connectivity through Omron's PLC and motion controllers by supporting DeviceNet, SCU, Mechatrolink and Profibus connectivity. Convenient on-line tuning Unlike previous inverters, the V1000 has a smart 'on-line tuning' feature that takes 'auto-tuning' a stage further.

This continuous method of tuning ensures that any temperature deviation large enough to affect electrical parameters governing the motor speed will be adjusted before any speed variance can occur. Time-saving safety feature Safety is embedded in the V1000 from the inside out, making it easy for you to integrate the inverter into your machine system and avoid difficult connections to safety controllers. Dual safety inputs (acc. To EN954-1 Safety Category 3) will disconnect the motor faster at the first sign of trouble, while reducing external wiring and contactors. Advanced performance... Accurate speed control V/F: 5% 100 Voltage Vector Control: 1% Open Loop Current Vector Control: 0,2% V/F + PG: 0,03% Unlike previous inverters, the V1000 delivers optimum speed control and high starting torque thanks to the current vector control. As opposed to other techniques, such as voltage vector control, current vector control uses the flux current, which is an actual measurement rather than an estimated value. torque (%) 50 speed (r/min) Speed Fluctuation Rates Fast scan cycle V/F: 5% Voltage Vector Control: 1% Open Loop Current Vector Control: 0,2% V/F + PG: 0,03% The V1000 employs a dual CPU concept with a CPU device that is four times faster than those on board previous inverters.

@@@@@@@@@@@@@@@@@output voltage Max. @@output voltage Max. output frequency Rated input voltage and frequency Allowable voltage fluctuation Allowable frequency fluctuation Output characteristics 40P2 0.2 0.37 0.9 1.2 1.2 40P4 0.4 0.75 1.

4 1.8 2.1 40P7 0.75 1.5 2.

6 3.4 4.1 41P5 1.5 2.2 3.

7 4.8 5.4 42P2 2.2 3.0 4.2 5.5 6.9 43P0 3.0 3.7 5.

5 7.2 8.8 400 Hz 44P0 4.0 5.5 7.2 9.2 11.1 45P5 5.5 7.5 9.

2 14.8 17.5 47P5 7.5 11 14.8 18.

0 23 4011 11 15 18 24 31 4015 15 18.5 24 31 38 0.480V (proportional to input voltage) 3-phase 380.

480 VAC, 50/60 Hz -15%..+10% +5% Power supply 1. Based on a standard 4-pole motor for maximum applicable motor output: Heavy Duty (HD) mode with a 150% overload capacity Normal Duty (ND) mode with a 120% overload capacity Frequency inverters 2 9 Frequency inverters Specifications Common specifications Model number VZ-@ Control methods Output frequency range Frequency tolerance Control functions Resolution of frequency set value

Resolution of output frequency Overload capability Frequency set value Braking torque (short term peak torque) V/f Characteristics Inputs signals Specifications Sine wave PWM (V/f control, sensorless current vector control) 0.1..400 Hz Digital set value: ±0.01% (-10..+50 °C) Analogue set value: ±0.

1% (25 ±10 °C) Digital set value: 0.01 Hz (<100 Hz), 0.1 Hz (>100 Hz) Analogue set value: 1/1000 of maximum frequency 0.01 Hz Heavy duty use: 150% rated output current for one minute Normal duty use: 120% rated output current for one minute 0..10 V (20 k), 4..20 mA (250), 0..20 mA (250) Pulse train input, frequency setting value (selectable) Short-term average deceleration torque: 150% (up 1.

5 kW), 100% (for 1.5 kW), 50% (for 2.2 kW), 20% (for bigger size) Continuous regenerative torque: Approx 20% (125% with optional braking resistor, 10%ED, 10 s, braking transistor built in) Possible to program any V/f pattern Seven of the following input signals are selectable: Forward/reverse 2 5.5 5 t1 3 5 H2 D1 6.

5 38.5 58 65 H3 H4 Weight 0.6 0.7 1.0 1.

5 1.5 2.1 Single-phase 200 V 2 1 56 118 68 128 108 140 248 284 336 140 180 220 254 290 358 108 128 129 137.5 143 140 163 187 81 99 Three-phase 200 V 2 96 128 122 3 160 192 2 96 118 108 137.5 128 Three-phase 400 V 3 160 V1000 + Option board Frequency inverters 4 11 Frequency inverters Built-in Filter Dimensions VZAB0P1 BOP2 BOP4 BOP7 B1P5 B2P2 B4P0 40P2 40P4 40P7 41P5 42P2 43P0 44P0 45P5 47P5 4011 4015 108 178 108 140 183 55 68 178

50 Dimensions in mm WH H1 D1 69.5 79.5 77.9 89.



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4 96.4 69.

4 50 77.9 94.4 140 183 55 76.4 59.6 66.6 Under development 11.6 29.6 81 99 137.5 154 143 D2 6.5 38.

5 59.6 64.6 66.6 D 76 118 137.5 154 163 Under development Schaffner footprint Filters Schaffner model A1000-FIV2010-SE A1000-FIV2020-SE 3x200 V
A1000-FIV2030-SE A1000-FIV2050-SE A1000-FIV2100-SE 1x200 V A1000-FIV1010-SE A1000-FIV1020-SE A1000-FIV1030-SE A1000-FIV1040-SE
A1000-FIV3005-SE A1000-FIV3010-SE 3x400 V A1000-FIV3020-SE A1000-FIV3030-SE A1000-FIV3050-SE Dimensions A 194 169 174 B 82 111 144 C 50
50 50 D 160 135 135 E 181 156 161 F 62 91 120 G 5.

3 5.5 5.3 H M5 M5 M5 I 25 25 25 J 56 96 128 K 118 118 118 L M4 M4 M4 Under development 169 169 174 174 169 169 174 304 71 111 144 144 111 111
144 184 45 50 50 50 45 45 50 56 135 135 135 135 135 135 264 156 156 161 161 156 156 161 288 51 91 120 150 91 91 120 150 5.3 5.3 5.

3 5 5.3 5.3 5 6 M5 M5 M5 M5 M5 M5 M5 M5 22 25 25 25 22 22 25 28 56 96 128 158 96 96 128 164 118 118 118 118 118 118 244 M4 M4 M4 M4 M4
M4 M4 M5 Under development 12 V1000 V1000 5 Rasmi footprint Filters Rasmi model A1000-FIV2010-RE A1000-FIV2020-RE 3x200 V

A1000-FIV2030-RE A1000-FIV2060-RE A1000-FIV2100-RE 1x200 V A1000-FIV1010-RE A1000-FIV1020-RE A1000-FIV1030-RE A1000-FIV1040-RE
A1000-FIV3005-RE A1000-FIV3010-RE 3x400 V A1000-FIV3020-RE A1000-FIV3030-RE A1000-FIV3050-RE Dimensions W 82 111 144 150 188 71 111
144 111 111 144 150 182 H 50 50 50 52 62 45 50 50 45 45 50 52 62 L 194 194 174 320 362 169 169 174 169 169 174 306 357 X 181 181 161 290 330 156
156 161 Under development 156 156 161 290 330 91 91 120 122 160 M4 M4 M4 M5 M5 Y 62 62 120 122 160 51 91 120 M M4 M4 M4 M5 M5 M4 M4 M4
Weight KG 0.8 1.1 1.3 2.4 4.2 0.6 1.0 5.

3 1.1 1.1 1.3 2.1 2.9 DIN rail mounting bracket EZZ08122A EZZ08122B DIN rail 35.1 Four, M4 tap Side view (common to all the units) Four, M4 tap
EZZ08122C EZZ08122D Four, M4 tap Four, M4 tap 3-phase 200 VAC Single-phase 200 VAC 3-phase 400 VAC Inverter VZ - 20P1/ 20P2 / 20P4/ 20P7 VZ -
21P5/ 22P2 VZ - 24P0 VZ - B0P1/ B0P2/ B0P4 VZ - B0P7/ B1P5 VZ - B2P2 VZ - B4P0 VZ - 40P2/ 40P4/ 40P7/ 41P5/ 42P2 VZ - 44P0 DIN rail mounting
bracket EZZ08122A EZZ08122B EZZ08122C EZZ08122A EZZ08122B EZZ08122C EZZ08122D EZZ08122B EZZ08122C Frequency inverters 6 13
Frequency inverters Heatsink attachment and Panel cut dimensions Heatsink External Mounting Attachment Panel Cut for External Mounting of Cooling Fin
(Heatsink) 2 - 5 Dia. @@@@RS-485/422 max. @@@@Factory setting: runs when CLOSED, stops when OPEN. @@Power Supply
for Frequency Setting +10 V (allowable max current 20 mA) Main Speed Freq Ref Frequency reference common Power Supply Fast Stop Cmd Special Digital
input Special Digital input NO contact output NC Output Relay Output common Photocoupler output 1 Photocoupler output 2 Photocoupler output common
Pulse train Output Analog monitor output Analog monitor common Communication input (+) Communication input (-) Communication output (+)
Communication output (-) For MEMOBUS communication operation by RS-485 or RS-422 communication is available.

RS-485/422 MEMOBUS protocol Factory setting: During run Factory setting: Frequency Agree 0V max 33 kHz Factory setting: "output frequency" 0 to +10
V output Resolution: 1/1000 0V 0 to 10 V 2 mA or less Resolution: 8 bits Factory setting: "fault" Voltage input or current input 0 to +10 VDC (20 k
(resolution 1/1000) 4 to 20 mA (250) or 0 to 20 mA (250) Resolution: 1/500 0V +24 V (max allowable current 10 mA) Open: Fast Stop Closed: Normal
Operation Contact capacity 250 VAC, 1 A or less 30 VDC, 1 A or less Photocoupler output: +48 VDC, 50 mA or less Fast Stop Cmd Analog output signals 16
V1000 RS-485/422 Digital output signals V1000 9 a a: Space required differs by model: Up to 3.7 kW: minimum 30 mm 5.5 kW and above: minimum 50 mm a
At least 100 mm Airflow Side by Side mounting At least 100 mm Inverter heat loss Three-phase 200 V class Model VZ Inverter capacity kVA Rated current (A)
at HD Rated current (A) at ND Heat loss W HD Fin Inside unit Total heat loss Fin Inside unit Total heat loss Cooling Method 20P1 0.3 0.8 1.

2 4.3 7.3 11.6 4.7 7.

9 12.6 20P2 0.6 1.6 1.9 7.9 8.8 16.7 7.2 9.4 16.

6 Self Cooled 20P4 1.1 3 3.5 16.1 11.5 27.7 14.0 13.4 28.5 20P7 1.9 5 6.

0 27.4 15.9 43.3 35.6 16.

9 43.1 21P5 3.0 8 9.6 54.8 23.

8 78.6 48.6 25.0 73.6 22P2 4.2 11 12.0 70.7 30.0 100.6 57.

9 29.6 87.5 24P0 6.7 17.5 21.0 110.5 43.3 153.8 93.3 45.

0 138.2 25P5 9.5 25 30.0 231.5 72.

2 303.7 236.8 87.2 324.0 27P5 13 33 40.

0 239.5 81.8 321.3 258.8 11.4 370.3 2011 18 47.0 56.0 347.6 117.

6 465.2 342.8 149.1 491.9 2015 23 60.0 69.0 437.7 151.4 589.1 448.

5 182.2 630.7 Heat loss W ND Fan Cooled Single-phase 200 V class Model VZ Inverter capacity kVA Rated current (A) at HD Rated current (A) at ND Heat
loss W HD Fin Inside unit Total heat loss Fin Inside unit Total heat loss Cooling Method B0P1 0.3 0.8 1.

2 4.3 7.4 11.7 4.7 8.

4 13.1 B0P2 0.6 1.6 1.9 7.9 8.9 16.7 7.2 9.6 16.

8 Self Cooled B0P4 1.1 3 3.5 16.1 11.5 27.7 15.1 14.3 28.3 B0P7 1.9 5 6.

0 42.5 19.0 61.5 26.2 20.

8 56.5 B1P5 3.0 8 9.6 54.8 25.

9 80.7 48.6 29.0 77.6 B2P2 4.2 11 12.0 70.7 34.1 104.8 57.

9 36.3 94.2 B4P0 6.7 17.5 21.0 110.5 51.4 161.9 93.3 58.

5 151.8 Heat loss W ND Fan Cooled Three-phase 400 V class Model VZ Inverter capacity kVA Rated current (A) at HD Rated current (A) at ND Heat loss W
HD Fin Inside unit Total heat loss Fin Inside unit Total heat loss Cooling Method 40P2 0.9 1.2 1.2 19.

2 11.4 30.6 8.2 9.2 17.

4 40P4 1.4 1.8 2.1 28.9 14.9 43.7 15.5 13.1 28.6 Self Cooled 40P7 2.

6 3.4 4.1 42.3 17.9 60.2 26.4 15.8 42.2 41P5 3.7 4.

8 5.4 70.7 26.2 96.9 37.

5 20.0 57.5 42P2 4.2 5.5 6.

9 81.0 30.7 111.7 49.7 26.3 76.0 43P0 5.5 7.2 8.8 84.

6 32.9 117.5 55.7 29.4 85.1 44P0 7.2 9.2 11.1 107.2 41.

5 148.7 71.9 43.6 115.5 45P5 9.

2 14.8 17.5 166.0 62.7 228.

7 170.3 78.1 248.4 47P5 14.8 18.0 23 207.1 78.1 285.2 199.5 105.

3 304.8 4011 18 24 31 266.9 105.9 372.7 268.6 142.8 411.4 4015 24 31 38 319.1 126.6 445.

8 298.7 152.2 450.9 Heat loss WND Fan Cooled Frequency inverters 10 17 Frequency inverters Connections for braking resistor Thermal relay Power supply Braking resistor MCCB MC R/L1 B1 S/L2 T/L3 B2 U/T1 V/T2 W/T3 Motor THRX OFF ON MC SA VZ MC THRX Thermal relay switch for external braking resistor MC SA TRX TRX SA FLT-A FLT-B Fault contact AC reactor AC reactor Power supply MCCB U V W X Y Z R/L1 S/L2 T/L3 VZ Max. applicable motor output kW 0.

12 0.25 0.55 1.1 1.5 2.

2 4.0 5.5 7.5 11 15 200 V class Current value A 2.0 2.0 2.5 5 10 15 20 30 40 60 80 Inductance mH 2.0 2.0 4.2 2.

1 1.1 0.71 0.53 0.35 0.265 0.18 0.13 Max. applicable motor output kW 0.2 0.

4 0.75 1.5 2.2 4.0 5.

5 7.5 11 15 400 V class Current value A ----1.3 2.5 5 7.5 10 15 20 30 40 Inductance mH 18.

0 8.4 4.2 3.6 2.2 1.42 1.06 0.7 0.53 DC reactor VZ Power supply MCCB R/L1 S/L2 T/L3 +1 +2 DC reactor 200 V class Max. applicable motor output kW 0.

12 0.25 0.55 1.1 1.5 2.2 4.0 5.5 7.5 11 15 36 72 1 0.5 18 3 5.

4 8 0.2 0.4 0.75 1.5 2.

2 4.0 5.5 7.5 11 15 5.7 12 23 33 11 6.

3 3.6 1.9 3.2 28 Current value A Inductance mH Max. applicable motor output kW 400 V class Current value A -----Inductance mH 18 V1000 V1000 11

Safety System Power Supply R/L1 S/L2 Multi-function digital inputs S1 S2 S3 S4 S5 T/L3 W/T3 +2 +1 DC reactor B1 B2 Braking resistor U/T1 V/T2 - Frequency inverters 12 V1000 Ground V1000 safe stop application using OMRON G9SB safety relay unit complies to safety category 3 according EN 954-1 / Stop category 0 according EN60204 Ensure V1000 and safety relay are mounted in the same cabinet to exclude cross circuit between H1 and H2 Start S6 +24 V 8 mA MF relay output MA 24 V MB SINK MC A1 A2 T11 13 23 +- T12 T31 33 41 T32 DIP switch S3 SOURCE SC 0V MF photocoupler output P1 TH K1 K2 K1 SA K2 K1 K1 K2 a Control Circuit Shielded ground terminal P2 PC MP a K2 Pulse train output AM AC Analog output 0 to +10 VDC (2mA) Terminal resistance (120 , 1/2 W) R+ R- H1 HC S+ S- Safe Disable inputs H2 T21 T22 14 24 34 42 Pulse Input RP (max.



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32kHz) +V Analog input PS +10.5 VDC, max. 20 mA MF Analog input 1 A1 0 to 10 V (20 k) MF Analog input 2 A2 0 to 10 V (20 k) or AC 0/4 to 20 mA (250) 19 Frequency inverters RS-485/422 IG Ordering information Power Supply MCCB C AC Reactor RJ-45 / USB Adapter C USB Cable D CX-Drive CX-One C A Filter Remote Operator Extansion Cable C LCD Remote Operator C 24Vdc Control Board Power Supply B V1000 Communication Option Board F Mounting Accesories E Motor Braking Resistor DC Reactor Ground V1000 Specifications Heavy Duty 0.12 kW 0.25 kW 0.

55 kW 1x200 V 1.1 kW 1.5 kW 2.2 kW 4.0 kW 0.12 kW 0.25 kW 0.55 kW 1.1 kW 1.5 kW 3x200 V 2.

2 kW 4.0 kW 5.5 kW 7.5 kW 11 kW 15 kW 0.2 kW 0.

4 kW 0.75 kW 1.5 kW 2.2 kW 3x400 V 3.0 kW 4.

0 kW 5.5 kW 7.5 kW 11 kW 15 kW 0.8 A 1.6 A 3.0 A 5.0 A 8.0 A 11.0 A 17.5 A 0.

8 A 1.6 A 3.0 A 5.0 A 8.0 A 11.0 A 17.5 A 25.0 A 33.0 A 47.0 A 60.

0 A 1.2 A 1.8 A 3.4 A 4.8 A 5.

5 A 7.2 A 9.2 A 14.8 A 18.0 A 24.

0 A 31.0 A Normal Duty 0.18 kW 0.37 kW 0.75 kW 1.1 kW 2.2 kW 3.0 kW 5.5 kW 0.18 kW 0.

37 kW 0.75 kW 1.1 kW 2.2 kW 3.0 kW 5.5 kW 7.5 kW 11.0 kW 15.0 kW 18.5 kW 0.

37 kW 0.75 kW 1.5 kW 2.2 kW 3.0 kW 3.

7 kW 5.5 kW 7.5 kW 11.0 kW 15.0 kW 18.

5 kW 0.8 A 1.6 A 3.5 A 6.0 A 9.6 A 12.0 A 21.0 A 0.8 A 1.6 A 3.

5 A 6.0 A 9.6 A 12.0 A 21.0 A 30.0 A 40.0 A 56.0 A 69.0 A 1.2 A 2.

1 A 4.1 A 5.4 A 6.9 A 8.8 A 11.

1 A 17.5 A 23.0 A 31.0 A 38.0 A Standard VZAB0P1BAA VZAB0P2BAA VZAB0P4BAA VZAB0P7BAA VZAB1P5BAA VZAB2P2BAA VZAB4P0BAA

VZA20P1BAA VZA20P2BAA VZA20P4BAA VZA20P7BAA VZA21P5BAA VZA22P2BAA VZA24P0BAA VZA25P5FAA VZA27P5FAA VZA2011FAA

VZA2015FAA VZA40P2BAA VZA40P4BAA VZA40P7BAA VZA41P5BAA VZA42P2BAA VZA43P0BAA VZA44P0BAA VZA45P5FAA VZA47P5FAA

VZA4011FAA VZA4015FAA Model Built-in filter VZAB0P1HAA VZAB0P2HAA VZAB0P4HAA VZAB0P7HAA VZAB1P5HAA VZAB2P2HAA VZAB4P0HAA

VZA20P1HAA VZA20P2HAA VZA20P4HAA VZA20P7HAA VZA21P5HAA VZA22P2HAA VZA24P0HAA VZA25P5HAA VZA27P5HAA VZA2011HAA

VZA2015HAA VZA40P2HAA VZA40P4HAA VZA40P7HAA VZA41P5HAA VZA42P2HAA VZA43P0HAA VZA44P0HAA VZA45P5HAA VZA47P5HAA

VZA4011HAA VZA4015HAA 20 V1000 V1000 13 A Line filters Inverter Voltage Model VZ 20P1 / 20P2 / 20P4 / 20P7 21P5 / 22P2 3-Phase 200 VAC 24P0

25P5 / 27P5 2011 / 2015 B0P1 / B0P2 / B0P4 Single-Phase 200 VAC B0P7 / B1P5 B2P2 B4P0 40P2 / 40P4 40P7 / 41P5 / 42P2 / 43P0 3-Phase 400 VAC

44P0 45P5 / 47P5 4011 / 4015 Reference A1000-FIV2010-SE A1000-FIV2020-SE A1000-FIV2030-SE A1000-FIV2050-SE A1000-FIV2100-SE

A1000-FIV1010-SE A1000-FIV1020-SE A1000-FIV1030-SE A1000-FIV1040-SE A1000-FIV3005-SE A1000-FIV3010-SE A1000-FIV3020-SE

A1000-FIV3030-SE A1000-FIV3050-SE Line filter Schaffner Rated current (A) Weight (kg) 10 20 30 0.

7 0.9 1.0 Reference A1000-FIV2010-RE A1000-FIV2020-RE A1000-FIV2030-RE A1000-FIV2060-RE A1000-FIV2100-RE A1000-FIV1010-RE

A1000-FIV1020-RE A1000-FIV1030-RE A1000-FIV1040-RE A1000-FIV3005-RE A1000-FIV3010-RE A1000-FIV3020-RE A1000-FIV3030-RE

A1000-FIV3050-RE Line filter Rasmi Rated current (A) Weight (kg) 10 20 30 58 96 10 20 30 40 5 10 20 29 48 0.8 1.1 1.3 2.4 4.2 0.6 1.0 1.

1 1.1 1.1 1.3 2.1 2.9 Under development 10 20 30 40 5 10 15 0.5 0.7 1.0 1.1 0.

5 0.75 1.0 Under development B Communication cards Type Model SI-N3/V Communication option board SI-P3/V SI-S3/V A1000 - CRT1 Description DeviceNet option card PROFIBUS-DP option card Can open option card CompoNet option card Function · Used for running or stopping the inverter, setting or referencing parameters, and monitoring output frequency, output current, or similar items through DeviceNet communication with the host controller. ·

Used for running or stopping the inverter, setting or referencing parameters, and monitoring output frequency, output current, or similar items through PROFIBUS-DP communication with the host controller. · Used for running or stopping the inverter, setting or referencing parameters, and monitoring output frequency, output current, or similar items through CANopen communication with the host controller. ·

· Under Development C Accessories Types Digital operator Model JVOP-180 72606-WV001 72606-WV003 JVOP-181 PS-UDC24 Description LCD remote operator Remote operator cable (1 m) Remote operator cable (3 m) USB converter / USB cable 24 VDC option board Functions LCD Display operator with language support Cable for connecting remote operator USB converter unit with copy and backup function 24V DC control board power supply D Computer software Types Software Model CX-drive CX-One Description Computer software Computer software Installation Configuration and monitoring software tool Configuration and monitoring software tool Frequency inverters 14 Accessories 21 Frequency inverters E Braking unit, braking resistor unit Inverter

Voltage Max. applicable motor output kW 0.12 0.25 0.55 1.

1 200 V (single-/ three-phase) 1.5 2.2 4.0 5.5 7.5 11 15 0.37 0.55 1.1 1.5 400 V (threephase) 2.

2 3.0 4.0 5.5 7.5 11 15 Inverter model VZ Three-phase 20P1 20P2 20P4 20P7 21P5 22P2 24P0 25P5 27P5 2011 2015 40P2 40P4 40P7 41P5 42P2 43P0

44P0 45P5 47P5 4011 4015 Single-phase B0P1 B0P2 B0P4 B0P7 B1P5 B2P2 B4P0 Connectable min. @@@@No. @@ Wegalaan 67-69,

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