

June 20, 2011

## Launch of New MINAS-A5N Series Network Communication/ AC Servo Amplifier

New line-up of AC Servo MINAS A5 series will be released as A5N series, network communication type amplifiers. This high potential and high-speed network Amplifier, with response frequency 2.3 kHz, equipped own communication network Panasonic Real-time Express (RTEX) and network communication period 0.083ms can correspond to various needs.

In future, we look forward to your continued support and cooperation in sales expansion of this product.

- ◆ Release date - July 1, 2011
- ◆ Product features:
  - ✓ High-velocity response frequency - 2.3 kHz
  - ✓ 100Mbps communication speed Duplex. Fastest communication period 0.083ms \*1
  - ✓ Maximum number of nodes is 32 \*1; maximum supported length of cable between nodes is 100m, with noise immunity more than 2.5 kV
  - ✓ Using 2 LAN cables\*2 (commercially available), reduced wiring cost
  - ✓ Supports all position, speed, torque control modes
  - ✓ Complies with international interface safety standards

***\*1 - Communication cycle and non-servo slave devices connection depends on the specifications of the controller.***

***\*2 - CAT5eSTP***

***\*3 - Supported by special specifications. IEC61800 STO, IEC61508SIL2***

- ◆ Output Range: 50W ~ 15kW, 100V · 200V · 400V Voltage  
(For products over 7.5kW/400V please contact our sales representatives)
- ◆ Please refer to the attachment on the next page for manufacturer model numbers.  
(Regarding prices, please contact our sales representatives)
- ◆ Delivery terms: Order based production
- ◆ Others:

For more information on dimensions and specifications, please refer to our website:

URL for home page of A5N series:

[http://industrial.panasonic.com/ww/i\\_e/25000/fa\\_pro\\_acs\\_e/fa\\_pro\\_acs\\_e/a5.html](http://industrial.panasonic.com/ww/i_e/25000/fa_pro_acs_e/fa_pro_acs_e/a5.html)

**Notice: All models listed below are without “Safety Connector”**

Part No.	Output (W)	Voltage (V)
MADHT1105NA1	50	100V
MADHT1107NA1	100	100V
MBDHT2110NA1	200	100V
MCDHT3120NA1	400	100V
MADHT1505NA1	50~100	Single/3-phase 200V
MADHT1507NA1	200	Single/3-phase 200V
MBDHT2510NA1	400	Single/3-phase 200V
MCDHT3520NA1	750	Single/3-phase 200V
MDDHT3530NA1	1.0k	Single/3-phase 200V
MDDHT5540NA1	900W~1.5k	Single/3-phase 200V
MEDHT7364NA1	2.0k	3-phase 200V
MFDHTA390NA1	2.0k~3.0k	3-phase 200V
MFDHTB3A2NA1	3.0k~5.0k	3-phase 200V
MGDHTC3B4NA1	6.0k~7.5k	3-phase 200V
MHDHTC3B4NA1	11.0k~15.0k	3-phase 200V
MDDHT2407NA1	400~600	3-phase 400V
MDDHT2412NA1	1.0k	3-phase 400V
MDDHT3420NA1	1.5k	3-phase 400V
MEDHT4430NA1	2.0k	3-phase 400V
MFDHT5540NA1	3.0k	3-phase 400V
MFDHTA464NA1	4.0k~5.0k	3-phase 400V
MGDHTB4A2NA1	6.0k~7.5k	3-phase 400V
MHDHTB4A2NA1	11.0k~15.0k	3-phase 400V