



## A1000 Drive

### 3/4 - 1000 HP

The A1000 is a full featured drive, providing outstanding quality, performance, flexibility, and environmental friendliness through 1000HP. Enjoy network communications, feedback, and expandable I/O to control anything from simple fans and pumps to complex machines. For new installations or retrofits, the A1000 provides a single robust solution, regardless of your application.



For more product packages, see A1000 Configured.

### Options

#### Input & Output

This array of option cards can extend the flexibility and adaptability of Yaskawa AC drives. These options may be factory installed or field installed.

[Compare this drive's Input & Output Options to other Yaskawa AC Drives.](#)

| Analog Inputs                                                                                                                                                                                                                                                    | Option Card # & Mounting Location | Installation Manual |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|---------------------|
| (13 Bit + Sign)...Provides the interface of a 16 bit digital input (binary or BCD) speed reference to the drive. Signal levels (individually selectable): 0 to +/- 10 VDC (20kOhm) or 4 to 20mA (500 ohm). Input resolution: Voltage (1/8192), Current (1/6654). | AI-A3<br>CN5-A                    | TOBPC73060038       |

| Digital Inputs                                                                                                                                                                                                                                              | Option Card # & Mounting Location | Installation Guide |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|--------------------|
| 120VAC Logic Interface (8-input)...Mounts directly to the control terminal block on the drive and allows the use of 120 VAC control logic circuits to produce multi-function control input signals for the drive. Used for digital inputs S1 to S8.         | DI-101<br>Terminal Strip          | TOEPYEAOPT07       |
| (8, 12, or 16 Bit). Provides interface of a 16 bit digital input (binary or BCD) speed reference to the drive. Signal type is selectable by parameter setting for:<br>Binary 16 bit, 4 digit BCD<br>Binary 12 bit, 3 digit BCD<br>Binary 8 bit, 2 digit BCD | DI-A3<br>CN5-A                    | TOBPC73060039      |

| Analog Outputs | Option Card # & Mounting | Installation Guide |
|----------------|--------------------------|--------------------|
|----------------|--------------------------|--------------------|

|                                                                                                                                                                                        |                         |               |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|---------------|
| (11 Bit + Sign)...Provides 2 signals for remote metering of any two of the drive's "U1" monitors. Additive to the two standard analog outputs. Signal level: 0 to +/- 10 VDC (20kOhm). | Location                |               |
|                                                                                                                                                                                        | A0-A3<br>CN5-A, B, or C | TOBPC73060040 |

|                                                                                                                                                                                                                                                     |                                         |                        |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|------------------------|
| Digital Outputs<br><br>(8 Channels)...Provides 8 additional digital outputs for use in monitoring the status outputs of the drive. Signal levels: 2 channels of Form A, 250 VAC, 30 VDC, 1 A and 6 channels of PHC, 48 VDC, 50 mADC, Shared Common. | Option Card # &<br>Mounting<br>Location | Installation<br>Manual |
|                                                                                                                                                                                                                                                     | DO-A3<br>CN5-A                          | TOBPC73060041          |