

# AD700E

The AD700E, a member of the ACCU-SERIES family of variable speed products, is a cost-effective and easy to use general purpose drive, providing precise motor control and energy savings. With 14 basic parameters, the AD700 E low voltage drive offers quick and easy setup. The 50 parameters in total, offer a high degree of flexibility for a wide range of open and closed loop applications in food & beverage, packaging, conveyors, pumps, fans and many more..

### Voltage and Power Range:

- 1-Phase, 110-115V Input  
3-Phase, 200-240V Output  
0.5 - 1.5 HP
- 1-Phase, 200-240V  
3-Phase, 200-240V Output  
0.5 - 5.0 HP
- 3-Phase, 200-240V  
0.5 - 15 HP
- 3-Phase, 380-480V  
1.0 - 30 HP

### Control Modes:

Volts/Hz, Sensorless Vector, Energy Optimized, PM Vector, BLDC, Synchronous Reluctance



**Limited Availability**

### IP20, 1-Phase Input, 3-Phase Output

| Motor Voltage | Nominal Motor HP           | Drive Amps | Catalog Number  | EMC Filter | Brake Transistor | Dimensions (in) H x W x D | Approx. Weight | List Price | Discount Symbol |
|---------------|----------------------------|------------|-----------------|------------|------------------|---------------------------|----------------|------------|-----------------|
| 200 - 240 VAC | Input Power, 110 - 120 Vac |            |                 |            |                  |                           |                |            |                 |
|               | 0.5                        | 2.3        | AD07E1102310002 | N          | N                | 6.8 x 3.3 x 4.8           | 2.7            | \$376      | DS-5EV          |
|               | 1                          | 4.3        | AD07E1104310002 | N          | N                | 6.8 x 3.3 x 4.8           | 2.7            | \$432      | DS-5EV          |
|               | 1.5                        | 5.8        | AD07E2105810012 | N          | Y                | 8.7 x 4.3 x 5.9           | 4.4            | \$501      | DS-5EV          |
|               | Input Power, 200 - 240 Vac |            |                 |            |                  |                           |                |            |                 |
|               | 1                          | 4.3        | AD07E1204310102 | Y          | N                | 6.8 x 3.3 x 4.8           | 2.7            | \$395      | DS-5EV          |
|               | 2                          | 7          | AD07E1207010102 | Y          | N                | 6.8 x 3.3 x 4.8           | 2.7            | \$475      | DS-5EV          |
|               | 2                          | 7          | AD07E2207010112 | Y          | Y                | 8.7 x 4.3 x 5.9           | 4.4            | \$495      | DS-5EV          |
|               | 3                          | 10.5       | AD07E2210510112 | Y          | Y                | 8.7 x 4.3 x 5.9           | 4.4            | \$562      | DS-5EV          |
|               | 5                          | 15.3       | AD07E3215310012 | N          | Y                | 10.3 x 5.2 x 6.9          | 7.7            | \$852      | DS-5EV          |

### IP20, 3-Phase Input, 3-Phase Output

| Motor Voltage | Nominal Motor HP           | Drive Amps                 | Catalog Number  | EMC Filter | Brake Transistor | Dimensions (in) H x W x D | Approx. Weight | List Price | Discount Symbol |
|---------------|----------------------------|----------------------------|-----------------|------------|------------------|---------------------------|----------------|------------|-----------------|
| 200 - 240 VAC | Input Power, 200 - 240 Vac |                            |                 |            |                  |                           |                |            |                 |
|               | 0.5                        | 2.3                        | AD07E1202330002 | N          | N                | 6.8 x 3.3 x 4.8           | 2.70           | \$376      | DS-5EV          |
|               | 1                          | 4.3                        | AD07E1204330002 | N          | N                | 6.8 x 3.3 x 4.8           | 2.70           | \$431      | DS-5EV          |
|               | 2                          | 7                          | AD07E2207030112 | Y          | Y                | 8.7 x 4.3 x 5.9           | 4.40           | \$574      | DS-5EV          |
|               | 3                          | 10.5                       | AD07E2210530112 | Y          | Y                | 8.7 x 4.3 x 5.9           | 4.40           | \$663      | DS-5EV          |
|               | 5                          | 18                         | AD07E3218030112 | Y          | Y                | 10.3 x 5.2 x 6.9          | 7.70           | \$879      | DS-5EV          |
|               | 7.5                        | 24                         | AD07E3224030112 | Y          | Y                | 10.3 x 5.2 x 6.9          | 7.70           | \$1,007    | DS-5EV          |
|               | 10                         | 30                         | AD07E4230030112 | Y          | Y                | 16.9 x 6.7 x 8.3          | 24.30          | \$1,475    | DS-5EV          |
|               | 15                         | 36                         | AD07E4246030112 | Y          | Y                | 16.9 x 6.7 x 8.3          | 24.30          | \$1,776    | DS-5EV          |
|               | 380 - 480 VAC              | Input Power, 380 - 480 Vac |                 |            |                  |                           |                |            |                 |
| 1             |                            | 2.2                        | AD07E1402230102 | Y          | N                | 6.8 x 3.3 x 4.8           | 2.70           | \$421      | DS-5EV          |
| 2             |                            | 4.1                        | AD07E1404130102 | Y          | N                | 6.8 x 3.3 x 4.8           | 2.70           | \$549      | DS-5EV          |
| 2             |                            | 4.1                        | AD07E2404130112 | Y          | Y                | 8.7 x 4.3 x 5.9           | 4.40           | \$549      | DS-5EV          |
| 3             |                            | 5.8                        | AD07E2405830112 | Y          | Y                | 8.7 x 4.3 x 5.9           | 4.40           | \$702      | DS-5EV          |
| 5             |                            | 9.5                        | AD07E2409530112 | Y          | Y                | 8.7 x 4.3 x 5.9           | 4.40           | \$794      | DS-5EV          |
| 7.5           |                            | 14                         | AD07E3414030112 | Y          | Y                | 10.3 x 5.2 x 6.9          | 7.70           | \$941      | DS-5EV          |
| 10            |                            | 18                         | AD07E3418030112 | Y          | Y                | 10.3 x 5.2 x 6.9          | 7.70           | \$1,076    | DS-5EV          |
| 15            |                            | 24                         | AD07E3424030112 | Y          | Y                | 10.3 x 5.2 x 6.9          | 7.70           | \$1,368    | DS-5EV          |
| 15            |                            | 24                         | AD07E3424030012 | N          | Y                | 10.3 x 5.2 x 6.9          | 7.70           | \$1,368    | DS-5EV          |
| 20            |                            | 30                         | AD07E4430030112 | Y          | Y                | 16.9 x 6.7 x 8.3          | 24.30          | \$1,654    | DS-5EV          |
| 25            |                            | 39                         | AD07E4439030112 | Y          | Y                | 16.9 x 6.7 x 8.3          | 24.30          | \$1,826    | DS-5EV          |
| 30            |                            | 46                         | AD07E4446030112 | Y          | Y                | 16.9 x 6.7 x 8.3          | 24.30          | \$2,283    | DS-5EV          |

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