

# ESH Driver



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**RANKIN**   
COMPONENTS THAT AUTOMATE

## FEATURES

|                       |                      | ESH 1-3   | ESH 4                          | ESH 5                           |
|-----------------------|----------------------|---|--------------------------------|---------------------------------|
| Electrical Conditions | Input voltage supply | 18 ... 60 Vac<br>24 ... 85 Vdc  | 18 ... 60 Vac<br>24 ... 85 Vdc | 18 ... 70 Vac<br>24 ... 100 Vdc |
|                       | Motor phase current  | 3 A 7 A   | 10 A                           | 7 A                             |
| Operating Conditions  | Ambient temperature  | In use 0 ... 45 °C<br>In storage -20 ... 70 °C  |                                |                                 |
|                       | Humidity             | In use 10 ... 70 % not condensing<br>In storage 10 ... 90 % not condensing                                  |                                |                                 |
|                       | Vibration resistance | 0.5 G   |                                |                                 |
| Functions             | Steps resolution     | 200, 400, 800, 1600, 3200, 6400, 12800, 25600<br>1000, 2000, 4000, 10000, 20000                             |                                |                                 |
|                       | Protections          | Extra current, Over voltage, Motor connection error, Over temperature, Fieldbus error, Eeprom error, etc... |                                |                                 |
|                       | Diagnostic           | Display for diagnostic serial   |                                |                                 |
|                       | Input signals        | Steps, direction, enable/disable, encoder, analog speed reference etc...                                    |                                |                                 |
|                       | Output signals       | Encoder simulation, In position, Alarm etc...   |                                |                                 |
|                       |                      |   |                                |                                 |

## DIMENSIONS (unit mm)

