# ED430-0040-PA-K-000





- Supporting Communication protocols:RS-232,RS-485,CAN BUS, PROFIBUS DP.
- Power Supply: AC220V±15%
- Rated Load?KW?: 0.1-1.57
- Dimensions: 265X165X62, 265X165X97

Rating: Not Rated Yet
**Price**
Sales price without tax 831,00 €

Ask a question about this product

ManufacturerELCON | Systems & Components

Description

| | ED430-0010-XA-G-000 | ED430-0020-XA-G-000 | ED430-0040-XA-G-000 | ED430-0075-XA-G-000 | ED430-0105-XA-S-000 | ED430-0126-XA-S-000 | ED430-0157-XA-S-000 |
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| **Main supply voltage** | Single-phase AC220V±15% | | | | | 3-phase AC220V±15% | |
| **Rated power frequency** | 50Hz?60Hz | | | | | | |
| **Control power supply** | DC24±10% , 2A | | | | | | |
| **Digital signal input** | DC24±10%, 10mA | | | | | | |

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| **Digital signal output** | DC24±10%, 0.5A | | | | | | |
| **Analog signal input** | -10V?+10V | | | | | | |
| **Rated load?KW?** | 0.1 | 0.2 | 0.4 | 0.75 | 1.05 | 1.26 | 1.57 |
| **Energy-consumed braking** | If the system generates an over-voltage alarm when it starts or stops sharply, add an external braking resistor to absorb the feedback energy of the motor, the minimum resistance for ED430 series is 27? | | | | | | |
| **Energy-consumed braking voltage** | DC385±5V | | | | | | |
| **Over-voltage alarm voltage** | DC400±5V | | | | | | |
| **Under-voltage alarm voltage** | DC210±5V | | | | | | |
| **Dimensions mm (H×W×D)** | 265X165X62 | | | | 265X165X97 | | |
| Working environment | | | | | | | |
| **Weight** | 1.9Kg | | | | 3Kg | | |
| **Operating temperature** | 0?40? | | | | | | |
| **Storage temperature** | -10?70? | | | | | | |
| **Humidity** | 5?85% | | | | | | |
| **Contamination level** | 2 | | | | | | |
| **Protection level** | IP20 | | | | | | |
| **Installation env** | Installed in a dust-free, dry, and lockable environment (in a electrical cabinet, for example) | | | | | | |

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| **ironment** | |
| **Installation mode** | Vertical installation |
| **Installation altitude** | No power limit under 1000m |
| **Pressure** | 86?106kpa |
| General functions | |
| **Internal programmable** | An internal space of 16.5 KB is provided for 256 sequences, which can save a controller on some occasions |
| **External I/O** | 3 external digital outputs (24V,0.5A),the target position to output or alarm output function can be implemented by internal programming8 external digital inputs, supporting internal sequence calling via the input interface and positioning function(input delay: about 1 ms; input current: about 4 mA) |
| **Analog input** | One differential analog input, implementing control over motor speed and position by analog input; input voltage range ± 10V, input delay: about 0.1 ms |
| **Analog output** | Two independent analog outputs, capable of monitoring the change of internal object |
| **Comparator** | Four internal comparators, with the comparison results to be used to trigger program sequences |
| **Timer** | Supporting the function of triggering sequences by timer or events |
| **Counter** | Four groups of internal counters, which can be set to trigger sequences |
| **Calculator** | An internal calculator can be used for data duplication, addition, subtraction, multiplication, and division, and logic operation |
| **Internal oscilloscope** | The ECO2WIN software enables a user to monitor operation parameters such as speed, position and current on a PC |
| **Encoder signal output function** | In a master/slave control mode, the motor encoder signal or master encoder signal can be the input for the slave signal encoder, with a maximum output frequency of 2 MHz |
| **Master encoder signal input function** | Programmable to be pulse/direction signal control, CW/CCWW control, electronic gear or electronic cam control (5V signal), with a maximum input frequency of 2 MHz |

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| **Feedback signal** | Incremental A, B, Z , /A, /B, /Z signal |
| **RS232** | 9.6K baud rate, supporting a maximum of 15 sites, and supporting direct communication with a PC with the ECO2WIN software, or direct communication with an eView touch screen or text |
| **RS485** | 38.4K baud rate, supporting a maximum of 15 sites, and communication cables with a length up to 400M |
| **CAN BUS** | Maximum baud rate of 1M, and supporting a maximum of 127 sites |
| **PROFIBUS DP** | Maximum baud rate of 12M, and supporting a maximum of 127 sites |

ED Servo System