ED430-0100-LA-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 685,00 €

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
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						

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)						

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

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