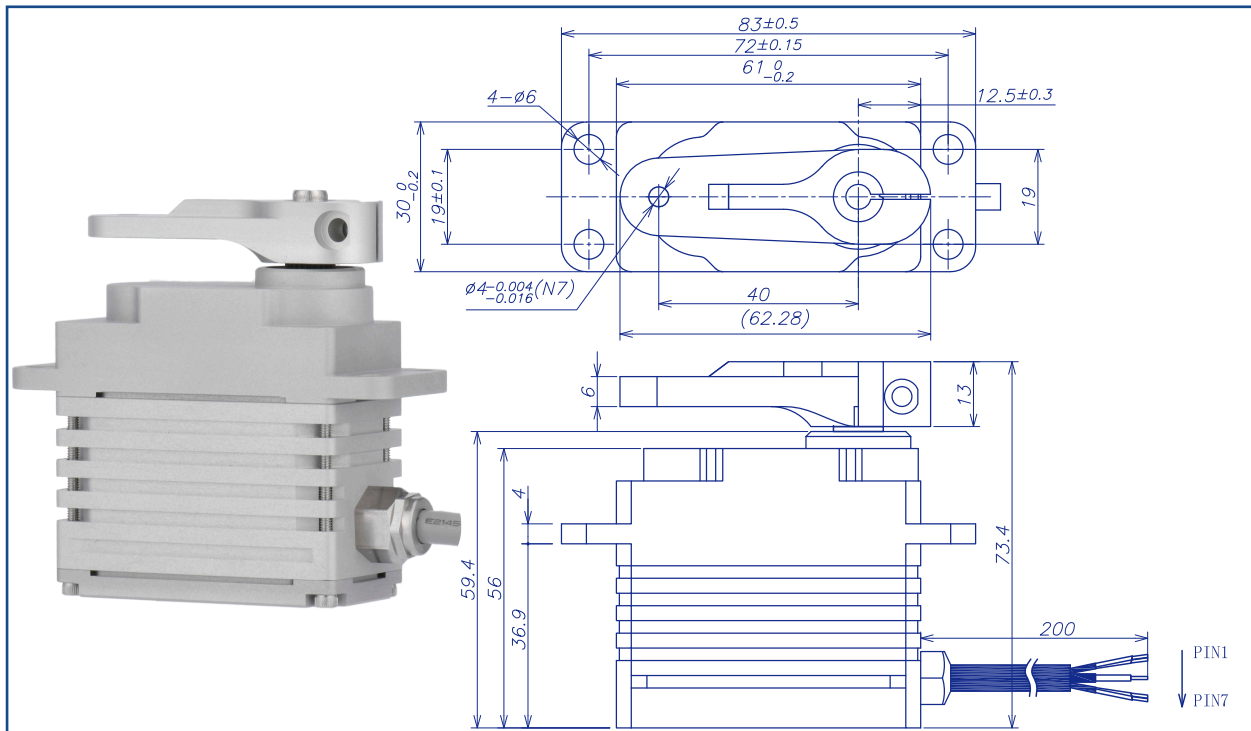


AM-6130SPC2435AE-245-2852EA Series



SERVO ACTUATOR DATA

Rated voltage	DC 28V
Temperature range	-40°C ~ +65°C
Running direction	CW/CCW(adjustable)
Operating angle/stroke	±60°(±150°customizable)
Testing voltage	DC 28V
Idle running speed	0.19S/60°
Stall torque	100Kgf.cm
Rated torque	35Kgf.cm
Static current	0.05A
No-load current	0.6A
Stall current	5A/2.5A/2A
Motor type	Brushless
Potentiometer type	Magnetic encoding
Bearing type	Ball bearing
Gear material	Steel
Rocker arm locking type	Spline
Wire model	Power line0.5 ² ,Signal line0.2 ²
Waterproof grade	IP67
External dimensions	61mm*30mm*59.4mm
Weight	330g

CONTROL FUNCTION DESCRIPTION

CANOPEN DS 301+402	
Default node id	0x08,500kbps
MODBUS RS485(RTU)	
Default node id	0x08
Baud rate	57600bps,8,1,N,N

PIN FUNCTION DEFINITION

PIN	Functional definition
1	Motor+
2	Motor-
3	CAN-H
4	CAN-L
5	GND
6	RS485-A
7	RS485-B

Annotate:

- (1) Tolerance±10%;
- (2) -40°C...+65°C, Δt =105°C (- 40°F...+149°F, Δt =189°F) ;
- (3) Low Temperature Modification on request (-40°C/-40°F) 。

Motor data tested at 25°C. Motor operation exceeding continuous limits will reduce life or result in damage.
At elevated ambient temperatures, load current must be reduced.

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