FULLING MOTOR
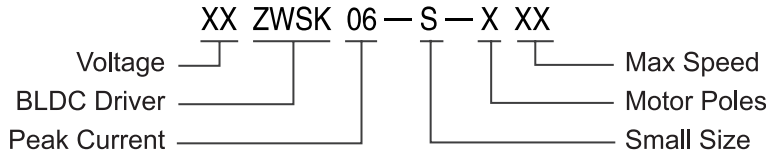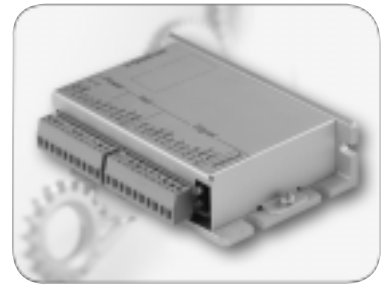
24ZWSK06-S-XXX(Support CAN2.0B protocol)

● Model instructions

(For driver of speed closed-loop for brushless DC motor with hall sensor)

XX ZWSK 06 — S — X XX

Voltage
BLDC Driver
Peak Current

Max Speed
Motor Poles
Small Size

Max Speed: Maximum speed when the motor no-load.(unit: KRPM, For example: 08 mean 8000RPM)

● Function Parameters

Adapted motor	Brushless DC Hall Motor(120° ~240° hall signal)
Supply Voltage	8~30VDC
Operating current	Continuous current 3A, Peak current 6A. (Ambient temperature below 25°C)
Power range	≤80W
Speed range	100~20000rpm
Speed adjustment mode	Support external potentiometer speed control and PWM velocity command.
Working mode	Hall speed closed - loop mode(Factory Default), Open - loop mode(Optional)
Protective function	Over voltage protection, Under voltage protection, Over current protection, Over temperature protection, Soft - Start and hall signal fault alarm function.
Heat dissipation mode	Natural cooling or external radiator
Dimension	98×60×24.5(unit: mm)
Temperature	-10° ~70°
Humidity	No more than 85%RH
Other	No corrosive, flammable, explosive, conductive gas, liquid and dust.

● Interface (wiring diagram)

power interface

motor interface

hall signal interface

control signal interface

indicator

VDC
GND
MU
MV
MW
HU
HV
HW
E+5V
GND
F/R
EN
BRK
GND
SV
+5V
PG
ALM
PWR/ALM

60
30
98
4
4