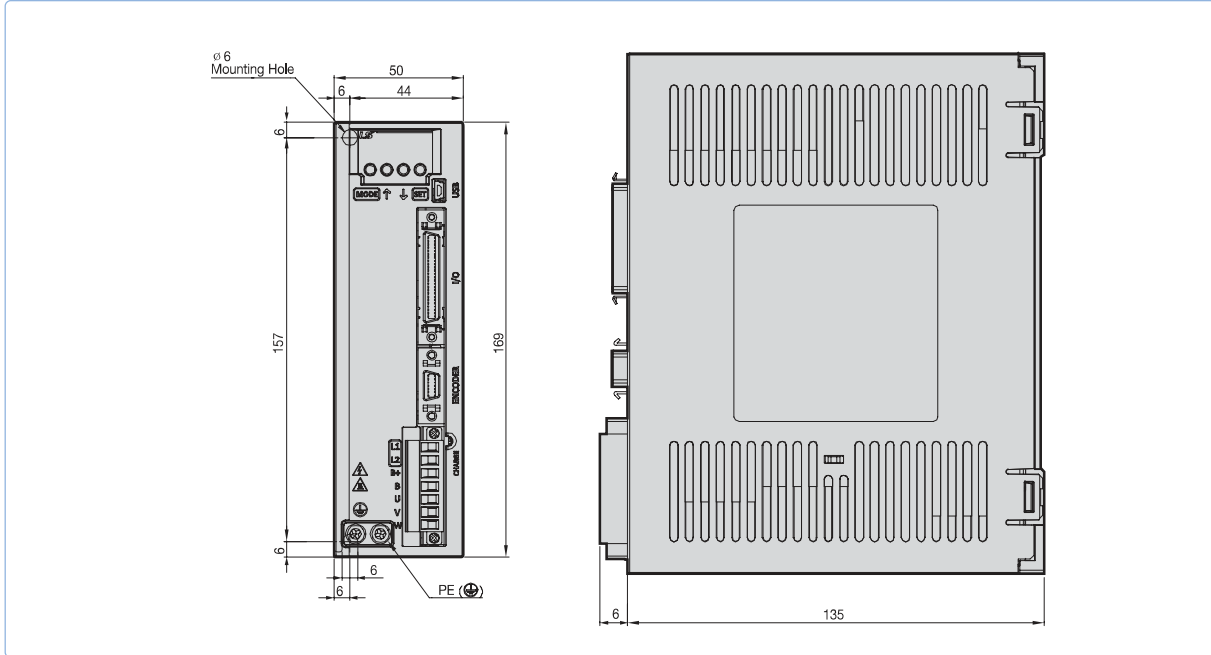


## L7C Drive

Item	Type Name	L7CA001U	L7CA002U	L7CA004U	L7CA008U	L7CA010U
Input power		Single phase AC200 ~ 230[V] [-15~+10%], 50~60[Hz]				
Rated current[A]		1.4	1.7	3.0	5.2	6.75
Peak current[A]		4.2	5.1	9.0	15.6	20.25
Encoder type		Quadrature (Incremental), Biss-B, Biss-C (Absolute, Incremental)				
Control performance	Speed Control Range	Maximum 1:5000				
	Frequency Response	Maximum 1[KHz] or above (When using 19Bit Serial Encoder)				
	Speed Variation Ratio	±0.01 [%] or lower [when load changes between 0 and 100%] ±0.1[%] or lower [temperature 25 ±10°C]				
	Accel/Decel Time	Straight or S-curve acceleration/deceleration [0-10,000[ms], possible to be set by one[ms] unit]				
	Input frequency	1[Mpps], line driver / 200[kpps], open collector				
	Input Pulse Type	Symbol + Pulse series, CW+CCW, A/B Phase				
RS-422	Specification	ANSI/TIA/EIA-422 standard specifications				
	Protocol	MODBUS-RTU				
	Synchro Method	Asynchronous				
	Power Consumption	100[mA]				
	Transmission Speed	9,600/19,200/38,400/57,600bps				
	Distance	Maximum 200[m]				
	Terminating Resistance	Connecting the outside connector [CN1 7Pin, 28Pin connection], Built-in 120Ω				
EtherCAT Communication Specifications	Digital Input	Input voltage range : DC12V ~ DC24V Total 10 input channels (allocable) Total 34 function' s input can be used selectively for assignment. [*SV_ON, *SPD/LVSF1, *SPD2/LVSF2, *SPD3, *A-RST, *JDIR, *POT, *NOT, *EMG, *STOP, START, REGT, HOME, HSTART, ISEL0, ISEL1, ISEL2, ISEL3, ISEL4, ISEL5, PCON, GAIN2, P_CL, N_CL, MODE, PAUSE, ABSRQ, JSTART, PCLR, AOV, INHIBIT, EGEAR1, EGEAR2, ABS_RESET] * Basic allocation signal				
	Digital Output	Service rating : DC24V ±10%, 120mA 5 of 8 input channels are allocable, 3 channels are fixed with AL00, AL01, AL02 Total 19 function' s input can be used selectively for assignment. [*ALARM, *READY, *ZSPD, *BREAK, *INPOS1, ORG, EOS, TGON, TLMT, VLMT, INSPD, WARN, INPOS2, IOUT0, IOUT1, IOUT2, IOUT3, IOUT4, IOUT5] * Basic allocation signal				
Analog Output		2 Channel Analog speed input (Command/Override) ±10V Analog torque input (Command/Limit) ±10V				
USB Communication	Connect	PC				
	Communication Standard	USB 2.0 full speed [Applies standard]				
	Specification	PC, USB 2.0 Full Speed [Applies standard]				
Internal Function	Dynamic Braking	Standard built-in brake [Activated when the servo alarm goes off or when the servo is off],				
	Regenerative Braking	Both default built-in and external installation possible				
	Display Function	7 segments [5DIGIT]				
	Additional Function	Gain tuning, alarm history, JOG operation, origin search				
	Protection Function	Excessive current/voltage/overload/overheating/speed, excessive current limit, low voltage, encoder/position following/current sensing fail				
Operation Environment	Operating Temperature / Storage Temperature	0~50°C / -20 ~ 65°C				
	Operating Humidity / Storage Humidity	Below80[%]RH / Below 90[%]RH[Avoid dew-condensation]				
	Environment	Indoor, avoid corrosive, inflammable gas or liquid, and electrically conductive dust.				

## L7CA001U / L7CA002U / L7CA004U [Weight : 1.0kg(Fan-Cooling included)]

\*Unit [mm]



Servo Drive

## L7CA008U / L7CA010U [Weight : 1.5kg(Fan-Cooling included)]

\*Unit [mm]

