

New release

S5D-2005 (L/M/H)-HS

DC solid state relay with heat-sink



■ Features

- Mount to DIN track
- High-speed, high-frequency control
- Faston terminal input #187 output #250

■ Ratings

(Ta=25°C)

Items		Symbols	S5D-2005L-HS	S5D-2005M-HS	S5D-2005H-HS	Units
Output	Maximum Load	VOMAX	400			VDC
	Load Voltage Range	Pure DC	5~280			VDC
		Bridge Rectification	VO	200		
	Maximum Load Voltage	IOMAX	5			ADC/Arms
Surge Current Ratings		ISURGE	15 (1sec)			A
Input	Maximum Input	VIMAX	8	18	28	VDC
	Input Impedance	RIN	270	680	1500	Ω
General	Dielectric Strength	VISO	2,500 1Min (input-output-case)(Rh40~60%)			VACrms
	Isolation Resistance	RISO	10 ⁸ (MIN) DC500V (input-output-case)(Rh40~60%)			Ω
	Operating Temperature Range	TOPR	-20~80			°C
	Storage Temperature Range	TSTG	-30~100			°C

■ Electrical Characteristics

(Ta=25°C)

Items		Symbols	S5D-2005L-HS	S5D-2005M-HS	S5D-2005H-HS	Units
Output	Off State Leakage Current	ILEK	0.1(MAX) (Vo=250V)			mADC
	On State Voltage Drop	VSAT	1.5(MAX)			VDC
	Minimum Load Current	IOMIN	0.1			mA
Input	Input Voltage Range	VI	4~8	8~18	18~28	VDC
	Operate Voltage	VP	4(MAX)	8(MAX)	18(MAX)	VDC
	Release Voltage	VD	1(MIN)			VDC
General	Operate Time	TON	5ms(MAX) (Resistive load)			
	Release Time	TOFF	1ms(MAX) (Resistive load)			
	Capacitance	CIO	80(MAX)			PF

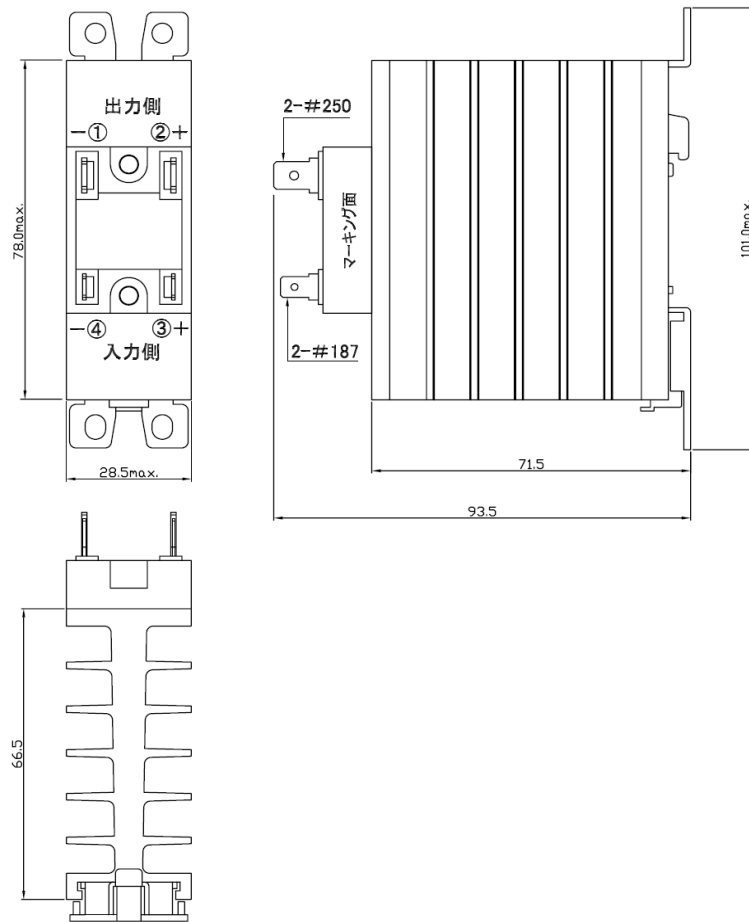
JEL SYSTEM CO., LTD

4-2-11, Kudanminami, Chiyoda-Ku, Tokyo, 102-0074 JAPAN

TEL +81-3-5211-5612 FAX +81-3-5210-3022

URL : <https://www.jelsystem.co.jp> e-mail : contact1@jelsystem.co.jp

■Dimensions (mm)



■Characteristic curves

