

General Specifications

HIGH / LOW SELECTOR



This is a converter which selects, outputs to high input value or low input value between 2 signals compared by internal circuit from input of any 2 signals in alternative amount of all processes(temperature, flow, pressure, level ingredient, etc.). It is used to process control and alternative control.

SPECIFICATIONS

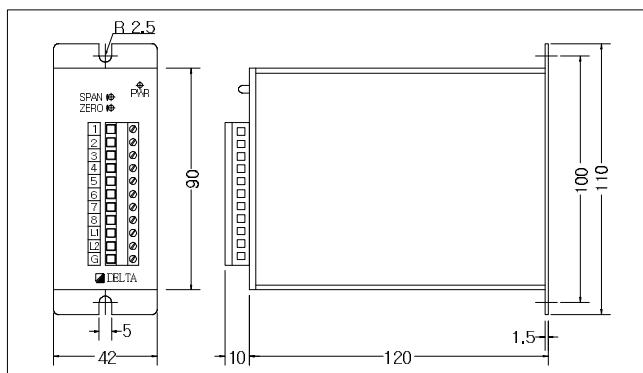
ITEMS	DESCRIPTIONS	
INPUT	DC Voltage (1~5V) or DC Current (4~20mA) Signal	
OUTPUT	DC Voltage (1~5V) or DC Current (4~20mA) Signal	
NUMBER OF INPUT	2	
ACCURACY	± 0.2% Max.	
TEMP. COEFFICIENT	± 0.015% / °C	
LINEARITY	± 0.02% F.S	
REPEATABILITY	± 0.02% F.S	
RESPONSE TIME	Less than 0.5sec (0-90%)	
INSULATION RESISTANCE	Greater than 100MΩ at DC 500V	
DIRECTRIC-STRENGTH	Input-Power Input-Output Input-Ground	AC1,500V AC1,500V AC1,500V
POWER SUPPLY	AC110V AC220V ± 10% 50-60Hz 3.5VA	
AMBIENT-TEMP	-5~ +55°C (20~130°F)	
HUMIDITY	Less than 90% RH (no condensation)	
LINEARIZER	Standard function	
CASE MATERIAL	AL	
COLOR	BLACK	
WEIGHT	About 500g	
DIMENSION	W42 x H90 x D120mm	
MOUNTING	WALL	
OUTPUT	Refer to Attached Technical Sheet.	
LOAD RESISTANCE		

ORDERING CODE

MODEL : D S H L - -

SELECTING FUNCTION	<input type="checkbox"/> Low Signal
	<input type="checkbox"/> High Signal
INPUT SIGNAL	<input type="checkbox"/> 7 DC 4~20mA
	<input type="checkbox"/> 8 Other Current (Less than 20mA)
	<input type="checkbox"/> F DC 1~5V
	<input type="checkbox"/> G Other Voltage (Less than 12V)
OUTPUT SIGNAL	<input type="checkbox"/> 7 DC 4~20mA
	<input type="checkbox"/> 8 Other Current (Less than 20mA)
	<input type="checkbox"/> F DC 1~5V
	<input type="checkbox"/> G Other Voltage (Less than 12V)
POWER SUPPLY	<input type="checkbox"/> 1 AC110V <input type="checkbox"/> 2 AC 220V
I/O ISOLATION	<input type="checkbox"/> G : General <input type="checkbox"/> Y : Isolation

DIMENSION



WIRING DIAGRAM

INPUT		OUTPUT		POWER	
1	+	INPUT 1	5	+	L1 U(+)
2	-		6	-	L2 V(-)
3	+	INPUT 2	7	OUT	G GND
4	-		8		NC