HSL HSL-DO32-UJ 32-CH Discrete Output Module for HSL System

Pin Definitions

CN0-CN31:

No.	Name	I/O	Function
1	IO +24V	I	Digital I/O Power
2	DO0~31	O	Discrete Output Channel 0~31
3	IO_GND	--	Digital I/O Power Ground

RJ1-RJ2:

No.	Name	Function
1	NA	NA
2	NA	NA
3	TX+	RS-422/485 Transmission Line, Positive
4	RX-	RS-422/485 Receiving Line, Negative
5	RX+	RS-422/485 Receiving Line, Positive
6	TX-	RS-422/485 Transmission Line, Negative
7	NA	NA
8	NA	NA

POWER 1:

No.	Name	I/O	Function
1	EX +24V	I	External Power Supply Input (+24V DC+5%)
2	IO +24V	I	Digital I/O Power(+24V DC+5%)
3	EX_GND	--	External Power Supply Ground
4	IO_GND	--	Digital I/O Power Ground
5	F_GND	--	Shielding Ground

JUMPER

JP1(When Reset)	
1-2	Clear Data (Default)
2-3	Keep Data

JP2	
1-2	3M
3-4	6M (Default)
5-6	12M

JP3: Terminator Resistor	
1-3 2-4	ON
3-5 4-6	OFF (Default)

JP4	
1-3 2-4	Full Duplex (Default)
3-5 4-6	Half Duplex

JP5	
1-3 2-4	Separate Power Separate GND
3-5 4-6	Common Power Common GND (Default)

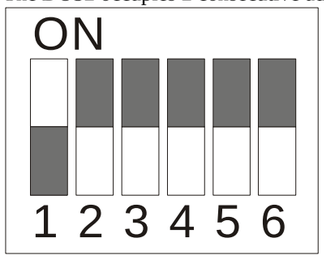
Specifications

Transistor Output					
Model	Number	Type	Switching Capacity max.	Response Time	
				ON	OFF
-N	32	NPN Sinking	-90mA at $24V_{DC}$	2 ms max.	2 ms max.

LED Indication: Active DC power (Red); Link (Green); Discrete Output (Yellow)

DIP Switch Setting

The DO32 occupies 2 consecutive address allocations beginning with an odd address. Bit **1** is fixed to **ON**.

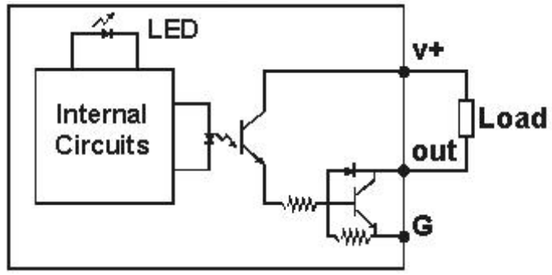


ON = 1

100000	address 1, 2
110000	address 3, 4
…	…
110111	address 59, 60
101111	address 61, 62

OFF = 0

-N NPN Sinking Output



Ordering Information

HSL-DO32-UJ-N: 32-CH Discrete NPN Sinking Output Module

ADLINK on the Internet

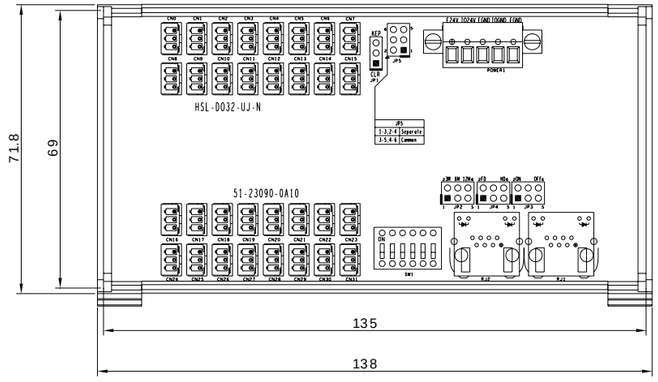
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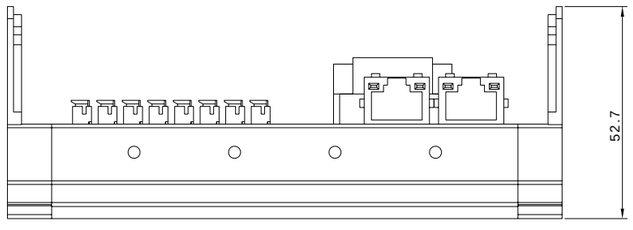
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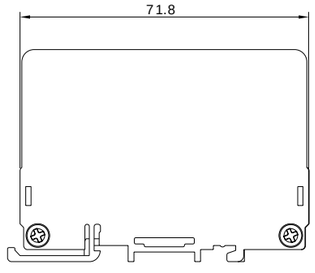
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Dimensions

UJ Module with case (138 x 71.8 x 52.7 mm)







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