

# Input / Output Signals

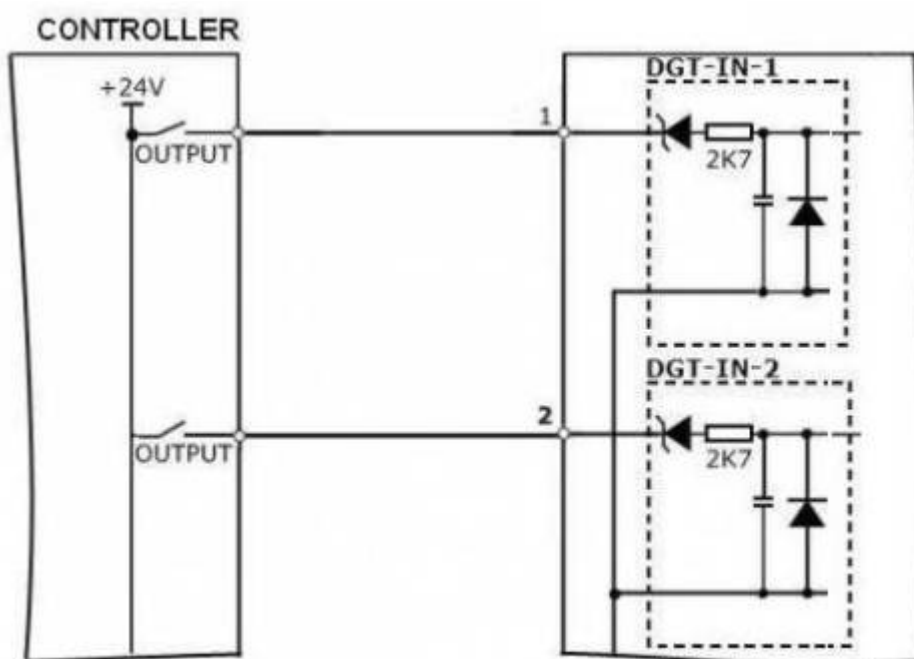
**PLEASE PAY ATTENTION ABOUT THE CONNECTIONS BETWEEN OUTPUT SIGNAL OF THE MOTOR AND THE PLC !**

**OUTPUTS ARE NOT PROTECTED AGAINST EXCESSIVE CURRENT REQUEST (MAX 100mA).**

**IF THE OUTPUTS WILL BE CONNECTED TO GROUND OR LOW RESISTANCE LOAD WHEN THE MOTOR IS ENABLED THE OUTPUT PNP TRANSISTOR WILL BE DAMAGED PERMANENTLY.**

## Input signals

the inputs are protected from inversion and overvoltage. The logic level is 24VDC.



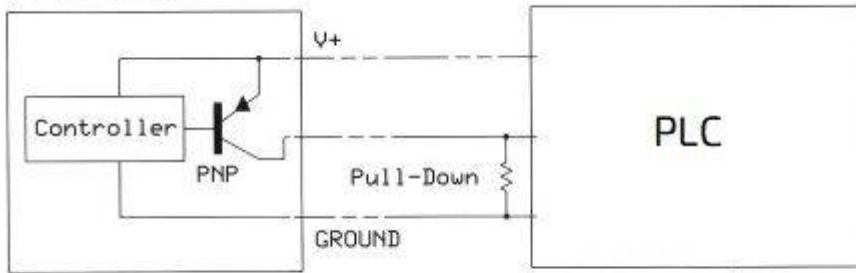
## Output Signals

### PNP - Default type (Default type - With 24VDC drive)

The digital output signals are by default PNP type (without internal pull-down).  
The absolute current capability is **100mA per output lines**.

**FOR CORRECT OPERATION TO AVOID DAMAGED USE TYPE 2, EN 61131-2 Input characteristic curve on PLC Input.**  
**IN THIS CASE THE CURRENT DRAW FROM THE PLC INPUTS IS TYPICALLY < 10mA**

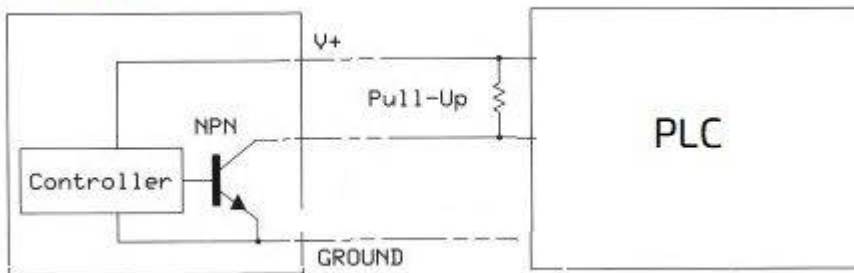
### MOTOR



PNP CURRENT-SOURCE DRIVER

### NPN Type - 48VDC compatible drive

### MOTOR



NPN CURRENT-SINK DRIVER

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