PLC Lab Test

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(i) Maintained push button evenains in a position untile pressed again.

(ii) Momentary push button function means when pressed down, it immediately natures to its natural position.

2) On-delay timere are used in blower moter to delay the operation for specific period of time after a gar, electric, or oil heaters has been turned on it can be used at many plans whereaux there is a need of delay on stert.

Southly supply

(i) TON-) times gives dealy at the start i.e.,
it provides a delay at the start of the.
input:
after starting the switch it will want for
after starting the switch it will want for
the provided amount of time them it is
spert the output.

7-off -> timer gives dealy in output of the end.

1.e. it will delay the state of the output for the sperified amount of time.

even after switching off the button the output will be achin for sperified amount output will be achine for sperified amount of time.

(3.5): for the up counter the output is taken at the mon-invertig output port of the flip flop. whereas for down counter the output is taken at the invertige output point of the flip taken at the invertige output point of the flip flop.

Q.6) Relays are clubric smithes that uses elubromagnetisting to convert small elubrical stringli into large currents.

Relays comment on disconnect the circuit automatically provided by a digital logic as an input to the rulay, which internally does an eluhomagnetic the rulay, which internally does an eluhomagnetic induction between the connection and disconnection.

7.) Styps for ladder progoranning: i) Analyze and get idea of control Application.

ii) List MI the conditions and get the Denger iii) Open and configure the PLL programmy software 14) Add segured Rungs and Address them. v) check the knows and simulate it. . VI) Download the program to PLC GPU me briter of wich a set than topled XIC, XID, ond DTE are the three main todas keley type instructions in PLL programming for the up counter the output even investig output post of the this flop. whereas for decay counter the output is wand I had proper good to make 6 dilli show house 10 May Jamels XOR XOR STATE OF THE STATE OF T

10) the motor is connected to the full supply voltage knows a starter.