

REGENT'S **Rev**TM

SINGLE CHANNEL TORQUE CONTROL

Rev90/24-120 for 120 VAC Logic

Rev90/24-32 for DC Logic

Rev90/24-NL for no logic

Features

- Self-contained manual torque control.
- Adjustable torque setting (from 5% to 100%) with dial on unit.
- Optional isolated logic input for load ON/OFF control.
- Compact size. DIN rail or panel mount.
- LED status indicator.
- Regent's 2 Year Warranty.

Ideal for:

- ▶ Converting machinery
- ▶ Web feed control
- ▶ Packaging machinery
- ▶ Tension control
- ▶ Motor brakes



The REV90 and Rev24 Torque Controls provide manual torque adjustment for a 90 VDC or 24 VDC clutch or brake.

The Rev90 and Rev24 are available with or without isolated logic input. Logic input permits load ON/OFF control by direct interface with PLC output modules, photoelectric controls, contacts, etc.

PART NUMBER BUILDER

Rev90 - 120

Control Logic

- **120** for 120 VAC logic
- **32** for DC logic
- **NL** for no logic

Series Name

- Rev90** for 90V Clutch or Brake
- Rev24** for 24V Clutch or Brake

FOR MORE INFORMATION CALL 203-732-6200
OR VISIT US AT www.regentcontrols.com



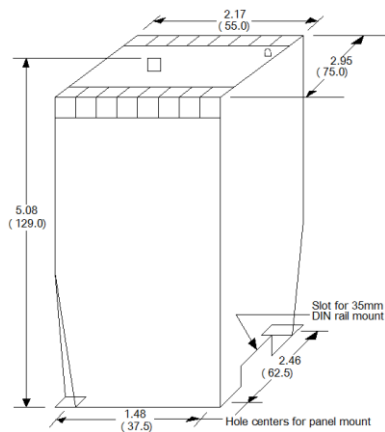
e-mail: sales@regentcontrols.com



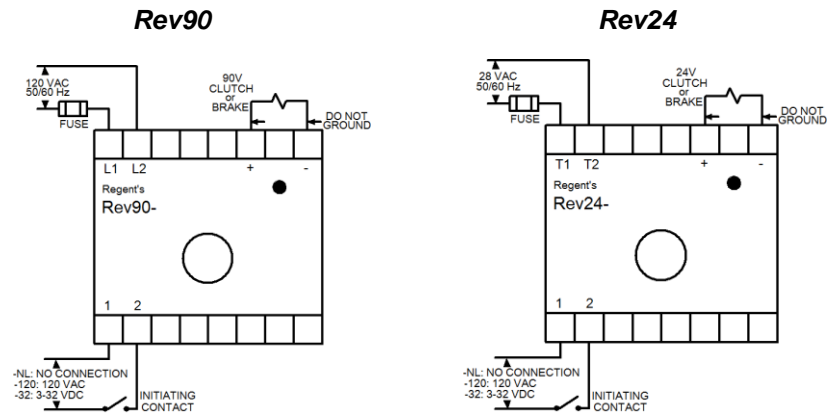
Regent's Rev90/24™

Single-Channel Torque Control for 90VDC or 24VDC Clutches or Brakes

DIMENSIONS



WIRING DIAGRAMS



NOTES

1. Logic terminals 1,2 on the Rev90/24-120 and Rev90/24-32 are isolated. Terminal L2 or T2 and/or 2 may be grounded.
2. LOAD +,- terminals are not isolated from line terminals L1,L2 or T1,T2 and must not be connected to ground.
3. Do not place switches or mechanical contacts between LOAD +,- terminals and the load. Opening these circuits while current is flowing may damage the control.

For 90 VDC Clutch or Brake (Rev90):

SPECIFICATIONS	Rev90-120	Rev90-32	Rev90-NL
Line Input (L1,L2)	120 VAC +/- 20%, 50/60 Hz 25 mA burden (excluding load)	120 VAC +/- 20%, 50/60 Hz 25 mA burden (excluding load)	120 VAC +/- 20%, 50/60 Hz 25 mA burden (excluding load)
Logic Input (1,2)	120 VAC +/- 20%, 50/60 Hz, 25 mA burden (will not operate on leakage current below 10 mA)	3-32 VDC, 1-35 mA burden	Not applicable
Load Rating (LOAD +,-) Output current	Adjustable from 5% to 100% of full load; 1 A maximum	Adjustable from 5% to 100% of full load; 1 A maximum	Adjustable from 5% to 100% of full load; 1 A maximum
Recommended Line Fuse	Littelfuse 322002	Littelfuse 322002	Littelfuse 322002
Temperature	0 to 65°C (32 to 149°F)	0 to 65°C (32 to 149°F)	0 to 65°C (32 to 149°F)

For 24 VDC Clutch or Brake (Rev24):

SPECIFICATIONS	Rev24-120	Rev24-32	Rev24-NL
Line Input (T1,T2)	24 VDC +/- 2 VDC or 28 VAC +/- 20%, 50/60 Hz 25 mA burden (excluding load)	24 VDC +/- 2 VDC or 28 VAC +/- 20%, 50/60 Hz 25 mA burden (excluding load)	24 VDC +/- 2 VDC or 28 VAC +/- 20%, 50/60 Hz 25 mA burden (excluding load)
Logic Input (1,2)	120 VAC +/- 20%, 50/60 Hz, 25 mA burden (will not operate on leakage current below 10 mA)	3-32 VDC, 1-35 mA burden	Not applicable
Load Rating (LOAD +,-) Output current	Adjustable from 5% to 100% of full load; 1.5 A maximum	Adjustable from 5% to 100% of full load; 1.5 A maximum	Adjustable from 5% to 100% of full load; 1.5 A maximum
Recommended Line Fuse	Littelfuse 322005	Littelfuse 322005	Littelfuse 322005
Temperature	0 to 65°C (32 to 149°F)	0 to 65°C (32 to 149°F)	0 to 65°C (32 to 149°F)

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