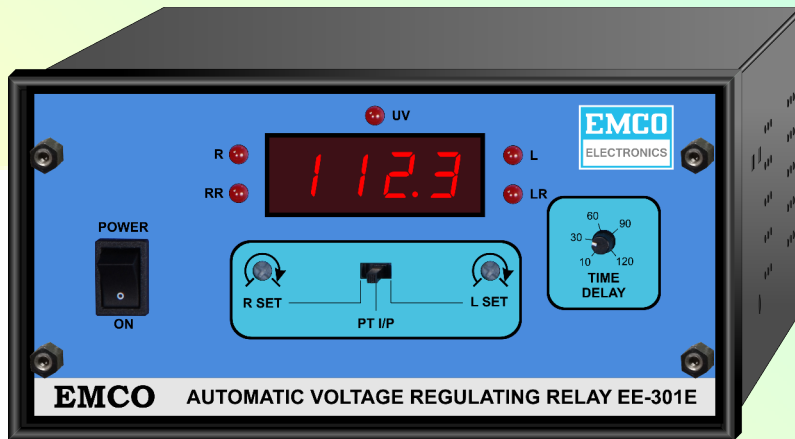


Automatic Voltage Regulating Relay : EE-301E



EE-301E

Emco's Solid State Automatic Voltage Regulating Relay type EE-301E is designed for maximum operational simplicity. The bandwidth control allows the dead-band to be set in terms of upper and lower voltage limits. The time delay control allows the regulator to respond only to voltage fluctuations lasting for periods greater than the selected time delay. No special provisions are required to reset the time delay, which resets automatically after the voltage correction. Control pulses are blocked in UV condition.

Features

- ❖ Low cost AVR
- ❖ Digital readout for PT Supply and Dead band Settings
- ❖ LED indications for Raise, Lower presignals, Undervoltage and Control Relay operation conditions
- ❖ Continuously adjustable Time Delay Setting
- ❖ Automatic resetting after voltage correction
- ❖ Single pulse operation of control relays
- ❖ Undervoltage internal blocking
- ❖ UV or Auxiliary Fail Relay optionally available
- ❖ 433V Display optionally available

Technical Specification

Auxiliary Supply	: 110/230V AC \pm 15%, 50Hz, 10VA	Control Oper.	: Single Pulse operation with approx. 2 secs. ON time.
PT Supply	: 110V AC, 50Hz, 1.5VA	Operating Temp.	: 0°C to 45°C
Lower Setting (LS)	: Adjustable between 95 to 125 V	Overall Dim.	: 96 x 192 x 220 mm (H x W x D)
Raise Setting (RS)	: Adjustable between 90 to 120 V	Panel Cutout	: 92 x 188 mm (H x W)
Time Delay Setting	: Continuously adjustable between 10 to 120 Sec.	Weight	: 2 Kgs. (approx.)
Time Delay	: Immediate with voltage returning	Options	: 1. 1 pair of N/O contacts for UV or Auxiliary Fail.
Resetting	to Control band		2. 433V Display
UV Blocking	: Blocking at 80V and restoration at 85V		3. 230V PT input with Continuous pulse
Control Relays	: One pair of NO potential free contacts of 5A at 240V AC or 24V DC for each Raise and Lower		

Product specifications are subject to change without notice.

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(An ISO 9001:2015 Co.)