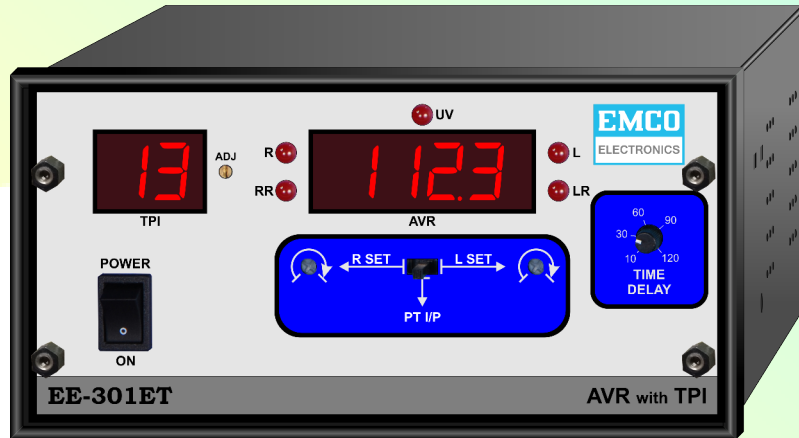


Automatic Voltage Regulating Relay with TPI : EE-301ET



EE-301ET

Emco's Solid State Automatic Voltage Regulating Relay type EE-301ET 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. In-built TPI avoids the need of separate TPI. It reduces the space, wiring and Time. Separate Power supply with separate Terminals are provided for the TPI.

Features

- ❖ AVR and TPI integrated in single unit
- ❖ Saving on Space and Wiring
- ❖ Automatic Detection of Max Tap
- ❖ User specified Step Resistance
- ❖ Digital readout for Tap No. with Adj. Pot
- ❖ Digital readout for PT supply and Control band settings
- ❖ LED indications for Raise, Lower, UV and Presignals
- ❖ Automatic resetting after Voltage correction
- ❖ Single pulse operation of Control Relays
- ❖ Undervoltage Internal Blocking
- ❖ 433V Display available (optional)

Technical Specifications

Auxiliary Supply	: 110/230V AC \pm 15%, 50Hz, 10VA	UV Blocking	: Blocking at 80V and restoration at 85V
Max. No. of Taps	: 35 or user specified	Control Relays	: One pair of NO potential free contacts of 5A at 240V AC or 24V DC for Raise and Lower
Step Res. / Tap	: 1KE or user specified	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	: Adjustable between 95 to 125 V	Overall Dim.	: 96 x 192 x 220 mm (H x W x D)
Raise Setting	: Adjustable between 90 to 120 V	Panel Cutout	: 92 x 188 mm (H x W)
Time Delay Setting	: Adjustable between 10 to 120 Sec.	Weight	: 2 Kgs. (approx.)
Time Delay Resetting	: Immediate with voltage returning to Control band		

Product specifications are subject to change without notice.

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(An ISO 9001:2015 Co.)