



EMCO AVR EE-301T

Features :

- Digital Readout for PT Supply and Deadband Setting
- Solid State Circuitry
- Self Test Facility
- LED Indicators for Raise, Lower pre-signal and Undervoltage / Overvoltage and Relay operation condition
- Separate Nominal value and Bandwidth settings
- Continuously adjustable Time Delay setting
- Automatic resetting after Voltage correction
- Single pulse operation of control relays
- Control Fail Alarm Contacts with Internal Blocking
- UV / OV Alarm contacts with internal Blocking
- Built-in Tap Position Indicator upto 35 Taps

Technical Specifications

Auxiliary Supply	: 110/230V AC \pm 15%, 50Hz, 15VA	control relays (only one pair of contacts is available for UV and OV)
PT Supply	: 110V AC, 50Hz, 1.5VA and readable on Display	Control operation
Nominal Value Setting (NVA)	: Adjustable between 110V \pm 10% and readable on display	: Single pulse operation with ap.. 2 sec. on time
Lower Volts Setting	: Adjustable between 0.5V to 5V above the NVA and readable on display	Tap Position Indicator
Raise Volts Setting	: Adjustable between 0.5V to 5V below the NVA and readable on display	: Maximum 35 Taps with 1K step resistance
Time Delay Setting	: Fixed (Voltage independent) Time Delay adjustable from 10 to 120 sec.	Operating Temp.
Time Delay Resetting	: Instantaneous resetting with Voltage returning to deadband	: 0°C - 45°C
Undervoltage Blocking	: Internal Blocking at 80% of regulated value and restoration at 85%	Overall Dimensions
Overvoltage Blocking	: Internal Blocking at 132V and restoration at 127V	: 378 x 146 x 220 (HxWxD) mm
Control Relays	: One pair of normally open potential free contacts of rating 5A at 240V AC or 24V DC for each Lower, Raise, Control Fail and Undervoltage / Overvoltage	Panel Cutout
		: 330 x 135 x (HxW) mm
		Weight
		: 5Kgs. (approx.)
		Options
		: 1. Line Drop Compensator with resistive and reactive compensation of either polarity upto 20% and suitable for operation with 1A, 5VA Current Transformer
		: 2. Normally closed Auxiliary Supply Fail Relay contacts
		: 3. User defined settings for P.T. Supply, Time delay, Undervoltage & Overvoltage Blocking. User specified Step resistance for TPI
		: 4. 4-20mA TPI output for SCADA

Product specifications are subject to change without notice.

EMCO ELECTRONICS

(An ISO 9001:2008 Mfg. Co.)



H.O. : 302, Vasan Udyog Bhavan, Senapati Bapat Marg, Opp. Phoenix mill, Lower Parel (W), Mumbai-400013.
 ■Tel.: +91-22-2490 2283 / 2492 3183. ■Fax : +91-22-2495 1024. ■E-mail : office@emcoelectronics.org

Factory : 13, Kedarnath, Tungareshwar Indl. Complex No. 1, Satali, Vasai (E), Dist - Thane. 401 208.
 ■Tel.: +91-250-2481 783 / 804, +91-250-6480 114 ■Fax : +91-250-2481 087.
 ■E-mail : mumbai@emcoelectronics.org

South : 15, Wood Street, (1st floor), Richmond Road, Bangalore – 560 025.
 ■Tel.: +91-80-2557 0215. ■Fax : +91-80-2556 6066. ■E-mail : emcoblr@bgl.vsnl.net.in

