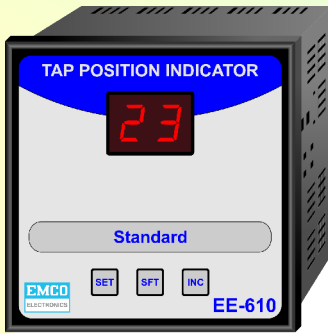
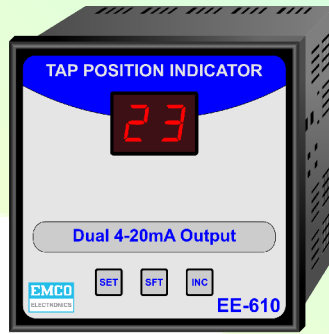


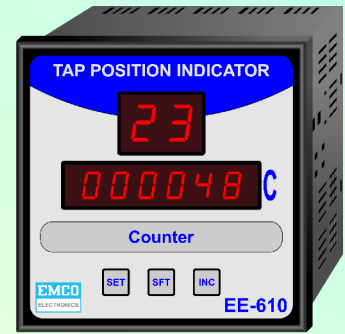
Tap Position Indicator : TPI EE-610



TPI Standard



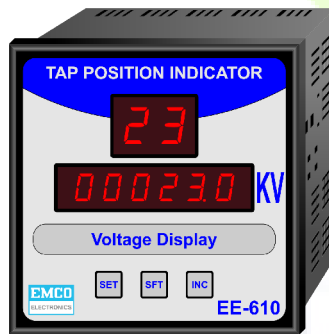
TPI with Dual 4-20mA Output



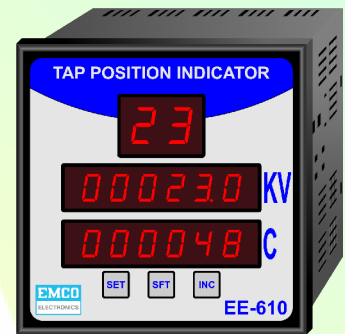
TPI with Tap Change Counter



TPI with Counter & Alarm



TPI with KV Voltage Display



TPI with Counter, Vg. Dis. & 485 Communication

EMCO's Tap Position Indicators are used to indicate the Tap position of the Power Transformer with OLTC. The 3 wires coming from the OLTC (Min, Wiper, Max) are connected to the TPI. As the Tap of the Transformer changes, the display is updated.

Features

- ❖ Microcontroller based compact design
- ❖ Automatic Max. Tap detection and 4-20mA O/P adjustment
- ❖ Dual 4-20mA Output
- ❖ User programmable delay
- ❖ Digital calibration of 4-20mA Output
- ❖ Tap change counter (optional)
- ❖ Alarm relay at predefined count (optional)
- ❖ HV side KV display (optional)
- ❖ RS-485 MODBUS Communication (optional)
- ❖ 4-20mA or 0-20mA Input (optional)

Technical Specifications

Max. No. of tap positions	: 35 Taps or user specified	Op. temp.	: 0°C- 45°C
Step Resistance/Tap	: 1KE ± 1% or user defined	Weight	: 0.5 Kg. approx.
Current Output	: Dual 4-20mA Current Output	Options	: 1) Tap change Counter.
Display	: 2 Digit 7 segment LED (add. 6 digits in Counter or Voltage display unit & add. 12 digits in All options unit)		2) Tap change Counter with Alarm contact
Auxiliary Supply	: 95-260V AC/DC, 5VA		3) HV side KV Voltage display.
Overall Dimensions	: 96 x 96 x 132 mm (H x W x D)		4) RS-485 MODBUS Communication.
Panel Cutout Dimensions	: 92 x 92 mm		4) All Option : includes TPI + Tap Change counter + KV Display + Communication.
Type Tests	: EMI/EMC Type tested from NABL accredited Lab.		<i>Note : Alarm contact is not available in All Option.</i>
			5) 4-20 mA input instead of 3 wires resistance chain.
			6) Dual chain I/P with selection.

Product specifications are subject to change without notice.

EMCO ELECTRONICS

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(An ISO 9001:2015 Co.)