



(ISO 9001:2008 Mfg. Co.)

TAP POSITION INDICATORS

QUALITY • RELIABILITY • BEST VALUE



TPI WITH VOLTAGE DISPLAY
EE-605



TPI WITH DUAL POLARITY
EE-606



TPI WITH COUNTER
EE-604



STANDARD TPI
EE-601



TPI WITH BCD INPUT
EE-607



TPI WITH GRAY CODE INPUT
EE601-G



STANDARD SMALL TPI
EE601-S

The Leader Continues To Lead!

TAP POSITION INDICATORS

EMCO's TAP POSITION INDICATORS are used to indicate the Tap position of the Power Transformer with On Load Tap-Changer (OLTC). The 3 wires coming from the OLTC (Min, Wiper, Max) are connected to the TPI along with the Auxiliary Supply. In case only 2 wires are available, short Wiper and Max terminals. As the tap of the Power Transformer changes, the display is updated. When the wiper is open the display indicates zero.

Specifications

No. of tap positions	:	35 for EE-601, EE-601-S, EE-604, EE-605 33 for EE-606, EE-607 21 for EE601-G
Step Resistance/Tap	:	1K \pm 1% / user defined
Display	:	7 segment LED
Test mode	:	Display indicates 88 (only for EE-601, EE-601S)
Auxiliary Supply	:	110V or 230V AC + 10%, 50 Hz, 4 VA
Panel Cutout Dimensions	:	90 x 90 mm (For EE-601, EE-604, EE-605, EE-606) 90 x 48 mm (For EE-601S, EE-601G, EE-607)
Depth	:	110 mm
Operating temperature	:	0 ^o - 45 ^o C
Weight	:	0.5 Kg. approx.
Options	:	1) 4-20 mA output with 100 termination resistance for SCADA. 2) 4-20 mA input instead of 3 wires resistance chain. 3) Universal Auxiliary Supply 95V-260V AC/DC

TPI WITH TAP CHANGER COUNTER (EE-604) / TAP VOLTAGE DISPLAY (EE-605)

Voltage / Counter Display	:	6 digit display for indicating Tap Voltage / Tap Changer Counter.
SET, INC Keys	:	For presetting voltage / counter values from Front Panel.
RST Key	:	For restarting the unit.

TPI WITH GRAY CODE INPUT (EE-601G)/TPI WITH BCD INPUT (EE-607)

Input lines from encoder	:	5+1 common (for GRAY code). 6+1 common (for BCD code).
Type of inputs	:	Potential free (NO) contacts considered as logic 'LOW' when open, and 'HIGH' when closed.

TPI WITH DUAL POLARITY (EE-606)

TPI Display	:	16-n-16 corresponding to 1-33 taps with 17 tap considered as neutral (n).
(+), (-) LEADS	:	(+) indicates taps greater than 17. (-) indicates taps less than 17.

Other products : AVR's models EE 301-M, EE 301-E, EE 301-T, EE-302, EE-303,
Remote Winding/Oil Temperature Indicators EE-602,
Parallel Control Unit EE-501, Voltage Controller Control Unit EE-402

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