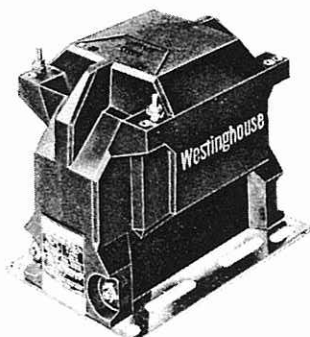




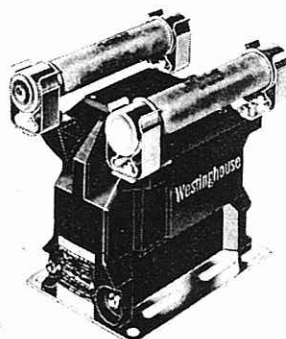
April, 1980
Supersedes 55-760 (E)
Pages 3, 4 dated January, 1977

For Metering and Indicating

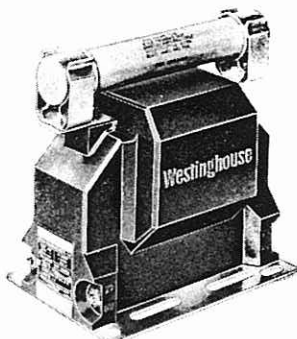
Indoor Voltage Transformers 601 to 15000 Volts Type PTL-5



PTL-5L, No Fuse



PTL-5L, 2-Fuse



PTL-5G, One Fuse

Application

The indoor type PTL-5 voltage transformers are designed for operating meters, instruments, relays and control devices for 60 Hertz circuits up to 5000 volts. Units are of moulded construction, designed primarily for switchgear and other indoor applications where small size and light weight are required with no sacrifice in accuracy.

Rating Data:

Voltage class	5000 volt
Frequency	60 Hertz
Metering accuracy*	0.3 WXY 0.6Z
1 minute insulation test	19 kV primary 2.5 kV secondary
BIL	60 kV
Thermal rating	
2400-240/120 rating	750 va
All other ratings	1000 va

*This accuracy is approved for Revenue Metering and is the value stamped on the nameplate

Design Features

Moulded: Core, of highest grade grain oriented steel, and coils are vacuum impregnated and completely moulded in a coloured epoxy compound giving a clean, smooth, modern appearance, combined with excellent electrical and mechanical qualities.

Versatile Design: Available in line-to-ground or line-to-line designs, fused or unfused, with current limit indicating or non-indicating type fuses.

Unfused units can be readily converted to fused units.

Line-to-ground design available with 'H2' primary grounded internally or brought out.

Exclusive "Dual" Secondary Terminals: Clearly marked secondary terminals available on both ends of unit for user convenience.

Mounting: Base is removable; unit design and mounting holes permit top access for mounting in limited space.

Terminals and Markings: Terminals are stud type on unfused units complete with lockwashers. Solderless connectors for #4 to #14 conductor are provided on the primary of fused units.

Primary voltage rating and connection diagram are embossed in epoxy on top of unit. Terminal markings are embossed in epoxy at all terminal points.

Selector Guide

Type PTL-5G (Line-to-Ground Application)

Voltage Ratio	Without Fuses		With One Fuse ^②	
	'H2' Grounded Internally	'H2' Brought ^① Out	'H2' Grounded Internally	'H2' Brought ^① Out
	Style Number	Style Number	Style Number	Style Number
2400-120	758C841A01	758C841A06	758C841A12	758C841A62
2400-240/120	758C841A02	758C841A07	758C841A22	758C841A72
4200-120	758C841A03	758C841A08	758C841A32	758C841A82
4800-120	758C841A04	758C841A09	758C841A42	758C841A92

Type PTL-5L (Line-to-Line Application)

Voltage Ratio	Without Fuses	With Two Fuses ^③
	Style Number	Style Number
2400-120	758C842A02	758C842A24
2400-240/120	758C842A03	758C842A34
4200-120	758C842A04	758C842A44
4800-120	758C842A05	758C842A54

① 'H2' primary lead brought out and insulated at 1000 volts to ground.

② Fused styles shown include current limiting indicating type CLE fuse S#758C433A19 with 50,000 amp. sym. I.C. on units 2400 volts and up; CLE-PTN fuse S#853C830G04 with 40,000 amp. sym. I.C. is available on request for 2400 volts units only.