

Transformer Regulator

SPECIAL SERVICE REGULATOR

Electrical Transformer Regulator

Description: These special purpose preset regulator are specially designed to deliver highly accurate consistent low pressure supply of nitrogen to oil filled power sub-station transformers. This new design consists of a two-stage preset regulator connected to a highly sensitive single-stage regulator that will deliver and maintain 0.50 PSIG in the head space within the transformer. A built in self relieving valve set at 8 PSIG protects the system from over-pressurization due to temperature variation. Both models come with bypass pressure valve allowing for rapid filling of the transformer at 6 PSIG of pressure. Regulator 16347-3 is constructed with an electrical switch that may be wired to an alarm or light to alert the operator when the cylinder pressure drops below 250 psig.



Electronic gauge version alerts when tank pressure falls below 250 psi



16391 Specifications	3 Year Limited Warranty
Maximum Input Pressure	3000 PSIG
Delivery (Outlet) Pressure Range	0.4 to .6 PSIG
Outlet Fitting	½" FNPT
Purge Valve	Nickel Plated Brass Needle Valve
Purge Valve Outlet	¼" MNPT
Inlet Cylinder Connection	580 CGA
Operating temperature range	-40°F to +160°F

16347-3 Three-stage, electronic gauge, Nitrogen Regulator

Design Features

- Load : 5 amps, 125 or 250V AC
- Temperature: - 40° to 180° F
- Switch type: NO/NC (DPDT)
- (3) 18" Flying Leads
- Pressure switch range 75 to 300 PSI
- Factory Preset @250 PSI
- All other specifications are identical to the 16361 Regulator

Application

Low pressure gas blanketing of oil filled sub-station power transformers.

Pre-set Outlet Pressures

Description

Stage 1 @ 150 PSIG into 2nd Stage
 Stage 2 @ 8 PSIG into 3rd Stage
 Stage 3 @ .4 to .6 PSIG outlet pressure
 Purge Pressure: @ 6 PSIG

Ordering Information

Part Number	Description	Switch Gage
Y11-237350858A	Three-stage, electronic gauge, Nitrogen Regulator	Yes
Y11-237142958C	Three-stage, electronic gauge, Nitrogen Regulator	No