

## INSTRUCTIONS

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### PLS1B56C0CL1XB035 PLS1B56C0CL1XB036

**SINGLE POLE TRIP  
5 AMPS -- 60 HERTZ  
HYBRID SCHEME WITH SINGLE FSK CHANNEL  
TO BE USED ON SERIES COMPENSATED LINE  
WITH SCR TRIPPING OUTPUTS  
AND 24 DLA CONTINUOUS MONITORING POINTS**

#### INTRODUCTION

These instructions together with instruction book GEK-90671 constitute the complete instructions for the PLS1B56C0CL1XB035 and PLS1B56C0CL1XB036 relays.

#### DESCRIPTION

The PLS1B56C0CL1XB035 and PLS1B56C0CL1XB036 relays are similar to the standard PLS1B56C0CL1DB relay. The single feature that differentiates these special relays from the standard relay is the circuit breaker tripping voltage is not the same as the relay operating voltage (station battery). The tripping circuit and operating voltages for the standard PLS and the two special PLS models described in this instruction book are tabulated:

RELAYMODEL NUMBER	TRIP CIRCUIT VOLTAGE	OPERATING VOLTAGE
PLS1B56C0CL1DB	48 Volts DC	48 Volts DC
PLS1B56C0CL1XB035	125 Volts DC	48 Volts DC
PLS1B56C0CL1XB036	250 Volts DC	48 Volts DC

*These instructions do not purport to cover all details or variations in equipment nor provide for every possible contingency to be met in connection with installation, operation or maintenance. Should further information be desired or should particular problems arise which are not covered sufficiently for the purchaser's purposes, the matter should be referred to the General Electric Company. To the extent required the products described herein meet applicable ANSI, IEEE and NEMA standards; but no such assurance is given with respect to local codes and ordinances because they vary greatly.*