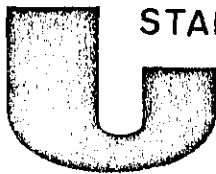




Department of consumer and corporate affairs / Ministère de la consommation et des corporations



STANDARDS BRANCH - DIRECTION DES NORMES

NOTICE OF APPROVAL

E-56-1

OTTAWA February 18, 1971.

FERRANTI TYPE "700" ISOLATION RELAY SINGLE CIRCUIT TWIN OUTPUT

Number of relays	1
Type of relay	Keyswitch
Contacts	2 pole double throw, 2 pole single throw NO
Coil voltage	50 volts dc
Coil resistance	1000 ohms
Speed of operation	5 per second
Contact rating (1)	0.3A 250V ac or dc
Maximum input resistance	2000 ohms
Supply (2)	Green output card (5), orange relay drive card (3) of Type CE Summator (E-30) or contacts of Type D/R482 mercury relay (E-57)

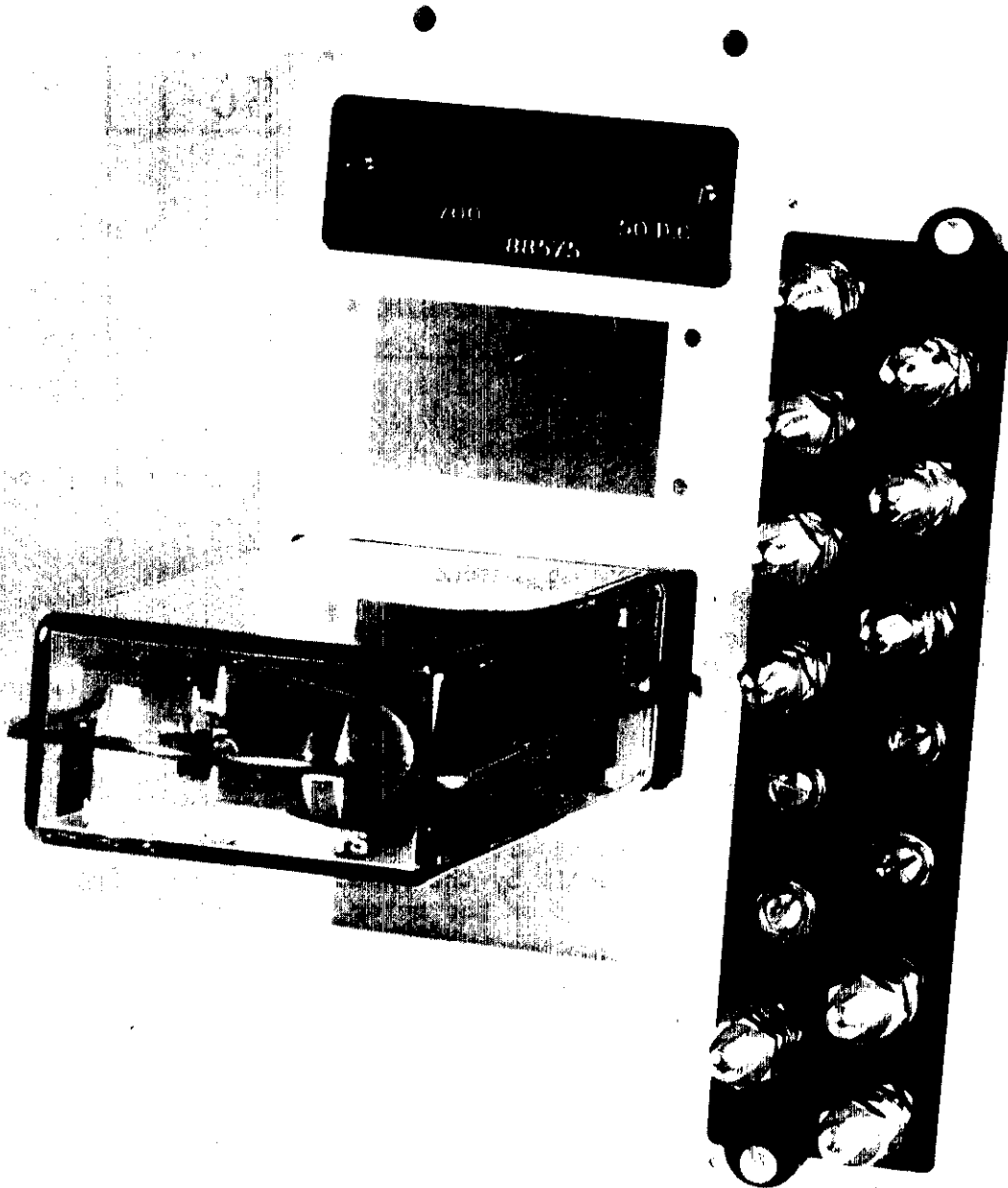
- (1) resistance load or suitable suppression on dc
- (2) the orange relay drive card (3) is used because the series 700 relay cannot be driven directly by the inductive transmitting pulse generator (E-29) mounted on the meter.

Description

This is a general purpose relay used for isolating purposes. A typical application would be to provide a utility customer with impulses from which he could operate his own demand equipment. If a customer were allowed to connect his equipment directly to the output card of the Summator, a fault such as a short might affect the billing metering.

The relay is a plug-in unit, held in its socket with a bail over the plastic cover. The saddles on the cover into which the bail wire sits may be drilled for a sealing wire if necessary.

FERRANTI TYPE "700" ISOLATION RELAY SINGLE CIRCUIT TWIN OUTPUT



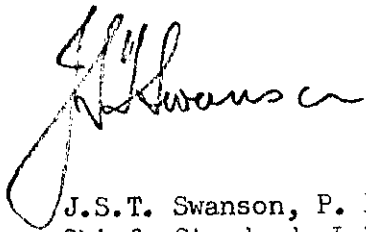
A diagram of connections in a tie-on envelope will be supplied with each relay.

This is a re-issue of circular E-56 to cover the use of this relay when driven by an orange relay drive card (3), circular E-30.

This orange relay drive card may be mounted either on the Summator or on the same base as the relay in a suitable housing.

Approval granted to:

Ferranti-Packard Limited,
St. Catharines, Ontario.



J.S.T. Swanson, P. Eng.,
Chief, Standards Laboratory,
Standards Branch.



W.J.S. Fraser,
Chief, Electricity and Gas Division,
Standards Branch.

Ref: SL-100-105 (G)
SE-85-4
SE-85-4-2