



DEPARTMENT OF TRADE AND COMMERCE  
STANDARDS BRANCH

E-50

OTTAWA April 6, 1967.

NOTICE OF APPROVAL

FOR

LANDIS & GYR TYPES "RGl<sub>uq8</sub>", "RGl<sub>u2q8</sub>", "RGl<sub>luq8</sub>" and 2RGl<sub>luq8</sub>"  
INTERPOSING RELAYS

Apparatus

Input to Relay Coil	115 volts, 60hz, 2.2va, 1.3w
Contact Capacity	115 volts 1 ampere ac
Maximum Impulse Rate	90 per minute
Type Designation	
RG1	Pivoting armature relay
u	Single pole double throw contact
u2	Two single pole double throw contacts
q8	Rectifier bridge across relay coil acting as spark suppressor for the contact controlling the relay
RGl.lu	Pivoting armature relay with reinforced SPDT contacts
2RGl.lu	2 Pivoting armature relays with one set of reinforced SPDT contacts each, mounted in a common casing and operated in parallel from the same input.

Description

The type "RG1" pivoting armature relay is the same as that used in the Tele-Printo-Maxigraph (S-EA.428, S-EA.632). The movement of the armature is transferred to one (u), or two (u2) sets of single pole double throw contacts.

Each set of contacts is electrically independent of the other set, the only common tie being the mechanical connection to the armature so that both sets of contacts operate simultaneously.

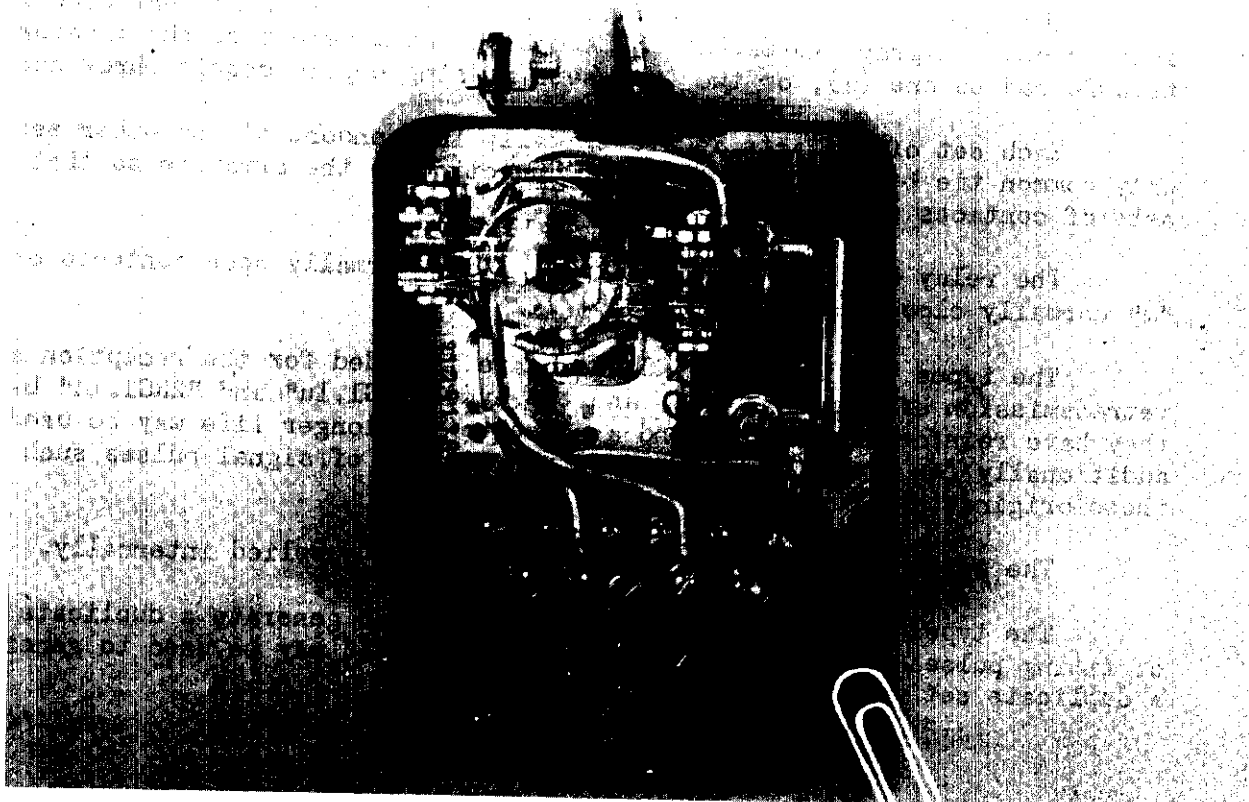
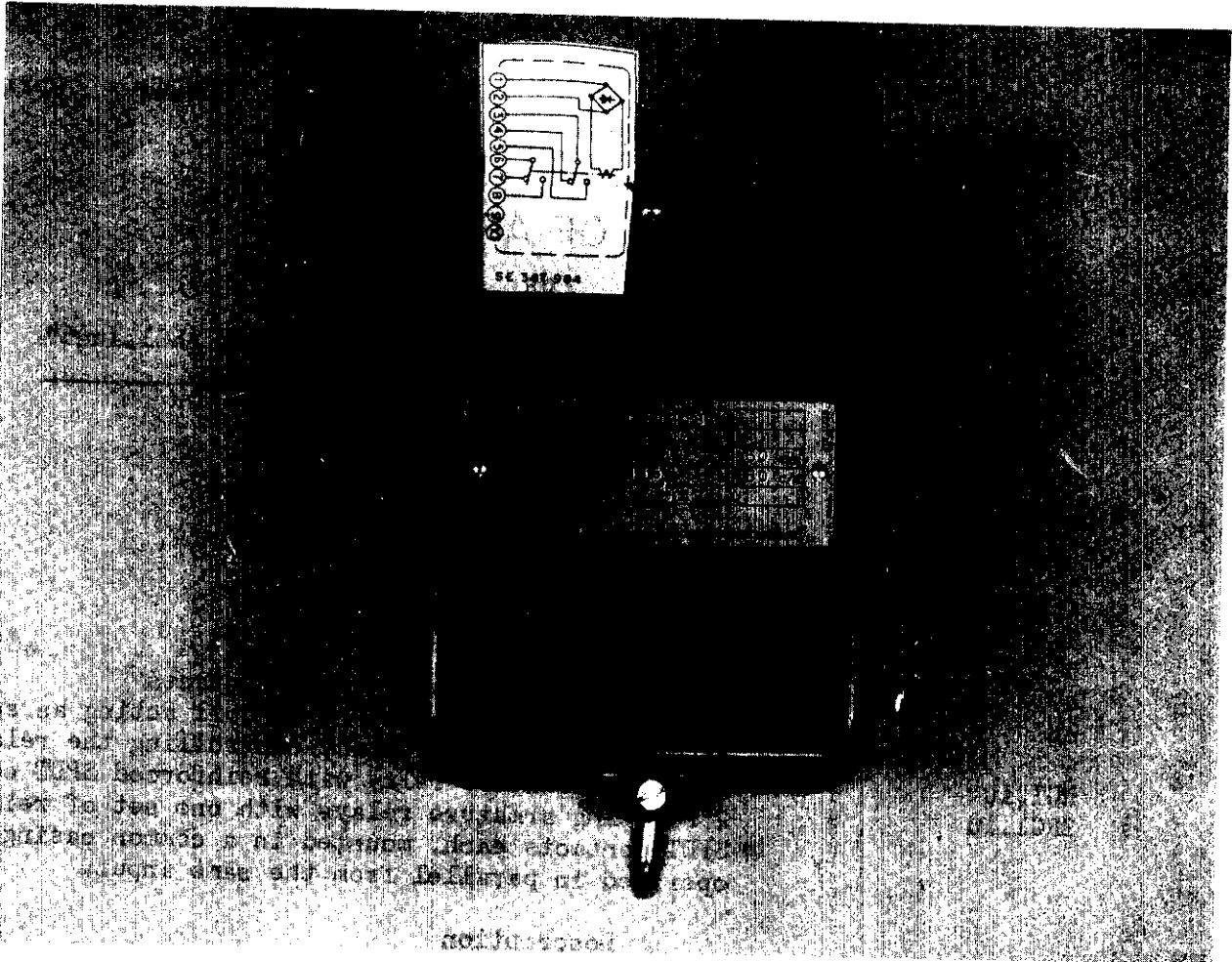
The relay coil may be connected to "q6" normally open contacts or to "m" normally closed contacts (S-EA.617).

The types "RGl<sub>uq8</sub>" and "RGl<sub>u2q8</sub>" are intended for the reception and retransmission of timing pulses, and the types "RGl.lu" and "2RGl.lu" because they have reinforced contacts and a consequently longer life may be used additionally for the reception and retransmission of signal pulses such as those originating from "r4" contacts.

The power to operate each of the relays is supplied internally.

The types "RGl<sub>u</sub>" and "RGl<sub>u2</sub>" may be used to generate a duplicate set of timing pulses and the types "RGl.lu" and 2RGl.lu may be used to generate a duplicate set of signal pulses.

...../2



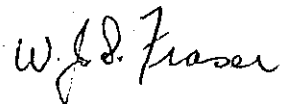
One set may be used to control a billing receiver, and the other set may be used to operate the customer's own equipment.

The separation thus provided prevents the customer from interfering, accidentally or on purpose, with the utility timing and pulsing circuits.

Provision is made for sealing the cover and terminal block with a wire and lead seal.

A diagram inside the terminal cover indicates the internal connections.

Approval granted to: Landis & Gyr Inc.,  
725 Decarie Blvd.,  
Montreal 9, Quebec.



W.J.S. Fraser,  
Chief, Standards Laboratory,  
Standards Branch.



K. Cryer,  
Chief, Electricity & Gas Division,  
Standards Branch.

Ref: SL-100-43A