



CANADA

S-EA.617

DEPARTMENT OF TRADE AND COMMERCE  
STANDARDS BRANCH

OTTAWA, April 3, 1964.

TYPE APPROVAL

LANDIS & GYR TYPE "KYAL" TIME SWITCH

The apparatus specified and illustrated herein has been duly approved by the Standards Branch under the provisions of the Electricity Inspection Act, Chapter 94, R.S. 1952, and may be admitted to verification in Canada.

Apparatus Approved: Type "KYAL" Time Switch, manufactured by Landis & Gyr, Zug, Switzerland, and distributed in Canada by Landis & Gyr, Inc., 725 Decarie Blvd., Montreal 9, P. Q.

Rating of Apparatus:

Supply to Timing Motor	115 volts 60 cycles
*Operating Period	5, 10, 15, 20, 30, 60 minutes and 24 hours.
Approved Attachments	
# q6	S.P.S.T. transmitting contacts.
# m	S.P.S.T. maximum demand indicator control switch.
o d	S.P.S.T. two-rate tariff switch.
o u	S.P.D.T. changeover switch.
Switch capacity	"m"; 1 amp. "q6, d, u"; 2 amp.

- \* Time for 1 complete cycle of operation.
- # Switches having only "q6" or "m" contacts do not have a 24 hour dial.
- o Available only on time switches having a 24 hour dial.

Description:

Type "KYAL" time switches comprise one or more switch elements operated periodically by a synchronous motor which also winds a reserve clockwork movement. This reserve clockwork movement is controlled by a voltage-sensitive relay and comes into action to maintain contact operation upon failure of the power supply to the synchronous motor. Restoration of the power supply stops the movement simultaneously with the starting of the synchronous motor.

To ensure that the clockwork movement is always ready for action, a mechanical device releases the escapement at intervals for a short period.

It normally takes some six hours for the synchronous motor to wind the reserve movement, but when fully wound, the movement will provide for contact operation for a period of up to 18 hours.

