

TRADE AND COMMERCE  
CANADA

STANDARDS BRANCH

OTTAWA . . . . . October 22, 1959.

TYPE APPROVALLANDIS & GYR TYPE "WAL" 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 "WAL" Time Switch, manufactured by Landis & Gyr, Zug, Switzerland, and distributed in Canada by Landis & Gyr, Inc., 1010 Grou, Montreal 9, P. Q.

## Rating of Apparatus:

Rated voltage (A.C.) ..... Up to 550 volts  
 Frequency ..... 40 to 60 cycles  
 Make-break and two-way switches ..... 2 amperes  
 Maximum demand control switch ..... 1 ampere  
 Weekly switch ..... 2 or 15 amperes  
 Minimum interval between consecutive  
     operations of any one switch  
     except maximum demand switch .... 1 hour  
 Regulation ..... 1 division = ±20 seconds per day.

Description: Type "WAL" time switches comprise one or more switch elements which are controlled by a clockwork-driven electrically-wound movement. Timing is unaffected by frequency variations or temporary failure of the electrical supply. They are used in A.C. circuits to control the changeover relays of multi-rate meters and other special tariff devices, and also to operate remote and off-peak control switches in accordance with daily or weekly schedules.

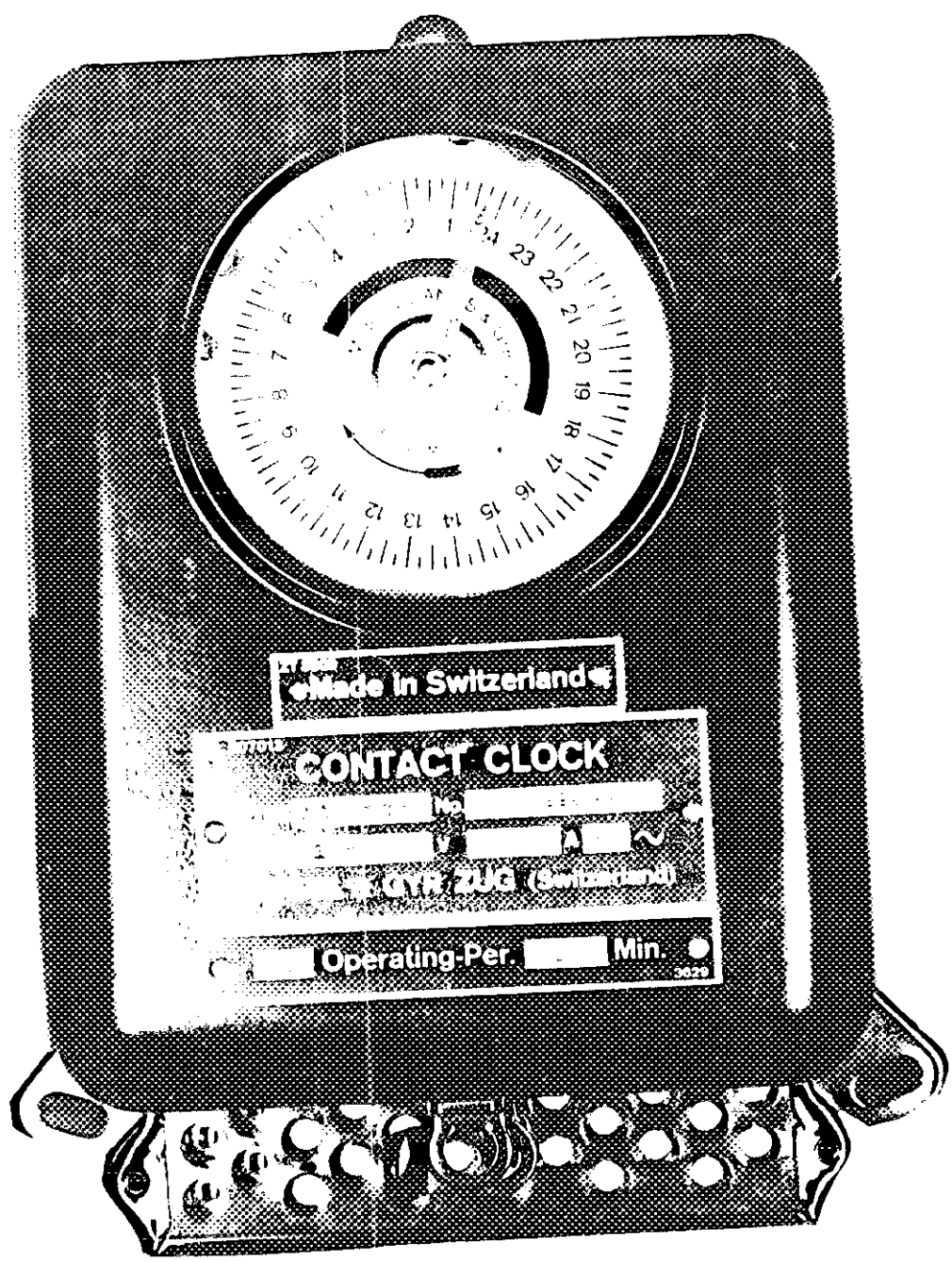
The five-spindle movement of the type "WAL" time switch has a temperature-compensated lever escapement with 13 jewels. The escapement is provided with a dust cover and can be locked for transport or maintenance. There is also a regulating lever with scale. A built-in squirrel-cage motor fully re-winds the movement every 7 to 8 hours under automatic control. With the spring fully wound, the reserve amounts to 96 hours.

The hour dial, driven by the clockwork movement, completes one revolution in 24 hours and is marked in suitable divisions. The night hours are distinguished by a black semicircle. Up to three independent switch units may be controlled to their own 24-hour schedule. Actuation of these switches is by tappet pins mounted on arms or riders, or screwed directly into the

...../2  
 (hour



LANDIS & GYR TYPE "Waldm6" TIME SWITCH



Made in Switzerland

CONTACT CLOCK

No.   
A  ~  
LANDIS & GYR ZUG (Switzerland)  
Operating-Per.  Min.



hour dial. A switch for controlling the integration periods of M.D. meters and recorders (5, 10, 15, 20, 30 or 60 minutes) may be included and also a weekly switch.

This approval covers switches with the following features which are indicated by a type suffix:-

<u>Feature</u>	<u>Type Suffix</u>
1 Make-break switch .....	"d"
1 Two-way switch .....	"u"
1 Three-way switch .....	"t"
1 Weekly switch, single pole .....	"g"
Maximum demand resetting switch with periods 5, 10, 15, 20, 30 or 60 minutes .....	"m"
Ditto, with switch to confine operation to certain hours of day .....	"dm"
Transmitting contact for tripping relay .....	"q6"

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