

TRADE AND COMMERCE
CANADASD-EA.277a
(Supplementary
to SD-3A.277)

STANDARDS DIVISION

OTTAWA..... January 10, 1957.

TYPE APPROVALGENERAL ELECTRIC TYPES "DT-3" AND "DT-4"
TOTALIZING RELAYS

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

Apparatus Approved: Types "DT-3" and "DT-4" Totalizing Relays, manufactured by the General Electric Company, U.S.A., and distributed in Canada by the Canadian General Electric Company Limited, Toronto, Ontario.

Description: Types "DT-3" and "DT-4" totalizing relays were approved in 1946; this notice is for information purposes only.

These relays are similar except for the cases, the former being for surface mounting and the latter for semi-flush mounting. They may be of the additive or the differential form. Impulses are received from each watt-hour meter on individual units of the relay and are counted on individual registers. The sum of all impulses received is automatically divided by the contact ratio as marked on the relay nameplate and the result is registered on a separate counter. This proportional number of impulses is re-transmitted to a contact-operated demand meter. Impedors are used in conjunction with these relays to minimize burning of the contacts. The impedors do not constitute a vital part of the measurement circuit so type designation is not important, but the resistance in ohms and the capacity in microfarads should be shown on the nameplates.

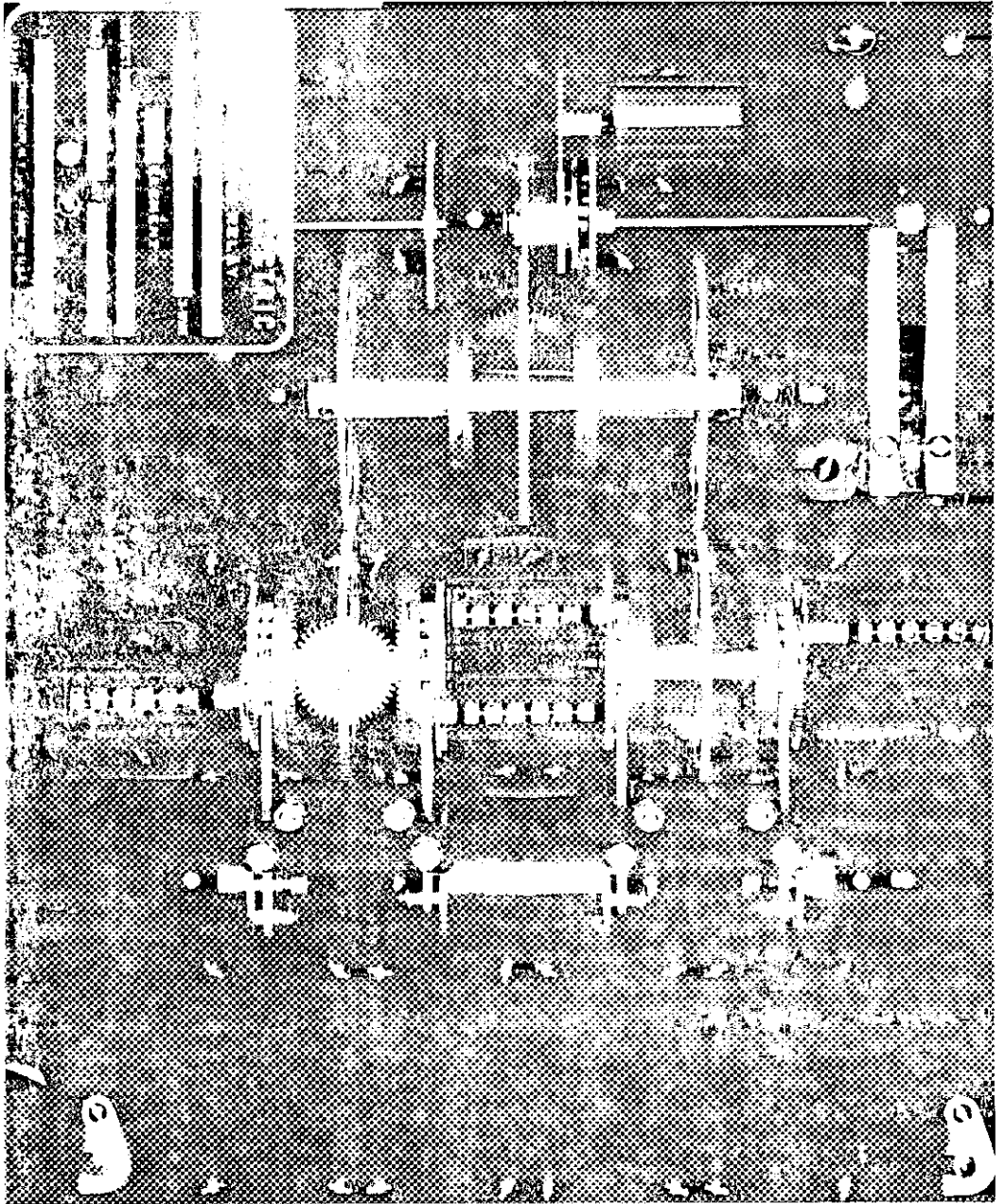
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Ref: A-579





GENERAL ELECTRIC TYPE "DT-4" TOTALIZING RELAY

SD-5A.277A

