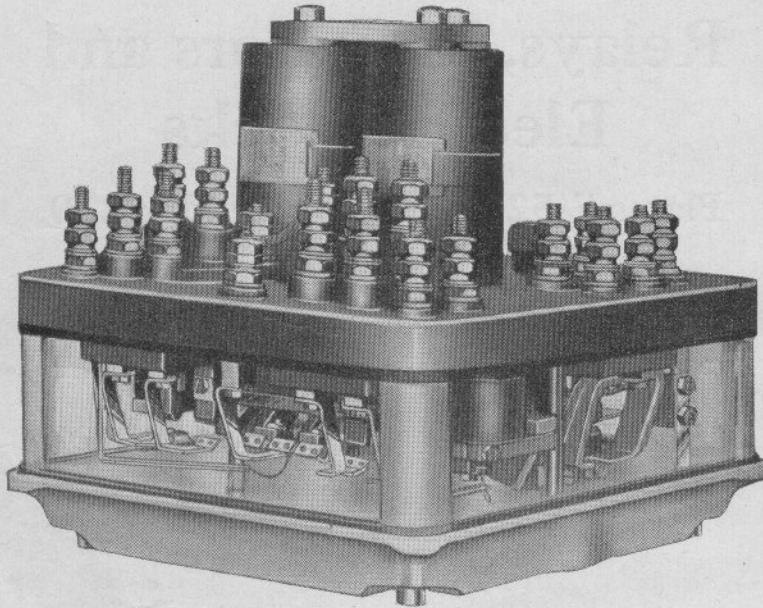


UNION SWITCH & SIGNAL CO.

Zachary C. Gillihan 2008



### STYLE "DT-10" TIME ELEMENT RELAY

The Style "DT-10" is an oscillating time element relay using a ratchet and pawl arrangement to close a contact through a train of gears, which can be engaged or released by means of a clutch. Flasher contacts can be furnished on the 0.5 to 6 minute relay which operates from 30 to 35 flashes a minute. The 10 to 120 second relay, which is designed for greater precision in timing, operates at a higher frequency and is not suitable for operation of flasher circuits.

The neutral contacts of this relay are designed for a continuous low voltage d-c. carrying capacity of 3 amperes and intermittent capacity of 5 amperes for 30 seconds; the flasher contacts will safely make and break a low voltage d-c. current of 4 amperes; the checking contact due to its slow break away should not control high voltage circuits at all nor low voltage circuits carrying in excess of 0.5 ampere. Shock absorbing springs are standard equipment for all shelf and wall mounted Style "DT-10" Relays. See bulletin 138 for detail information.

UNION SWITCH & SIGNAL CO.

STYLE "DT-10" D. C. TIME ELEMENT RELAYS

Silver to silver impregnated graphite front and silver to silver back neutral contacts will be supplied unless otherwise specified.

Order by Plate, Piece, Reference and Abbreviated Description Given in Heavy Face Type Only

Piece	Ref.	Description	Drawing Reference
	*A	Style "DT-10" (Shelf Type) D.C. Time Element Relay, for 10 volt operation, time interval 0.5 to 6 minutes, equipped with four front and four back low voltage non-independent contacts and 1 checking contact.....	C-9277-1
	*Aa	Style "DT-10" (Shelf Type) D.C. Time Element Relay, for 10 volt operation, time interval 10 to 120 seconds, equipped with four front and four back low voltage non-independent contacts and 1 checking contact.....	C-9277-1
	*Ab	Style "DT-10" (Shelf Type) D.C. Time Element Relay, for 10 volt operation, time interval 0.5 to 6 minutes, equipped with four front and four back low voltage non-independent contacts, 1 checking contact and two normal and two reverse non-independent flasher contacts.....	C-9277-1
	*Ac	Style "DT-10" (Wall Type) D.C. Time Element Relay, for 10 volt operation, time interval 0.5 to 6 minutes, equipped with four front and four back low voltage non-independent contacts and 1 checking contact.....	C-9277-1
	*Ad	Style "DT-10" (Wall Type) D.C. Time Element Relay, for 10 volt operation, time interval 10 to 120 seconds, equipped with four front and four back low voltage non-independent contacts and 1 checking contact.....	C-9277-1
	*Ae	Style "DT-10" (Wall Type) D.C. Time Element Relay, for 10 volt operation, time interval 0.5 to 6 minutes, equipped with four front and four back low voltage non-independent contacts, 1 checking contact and two normal and two reverse non-independent flasher contacts.....	C-9277-1
		*If specified this relay may be furnished for operating voltages of 6, 8, 12 or 14 volts.	