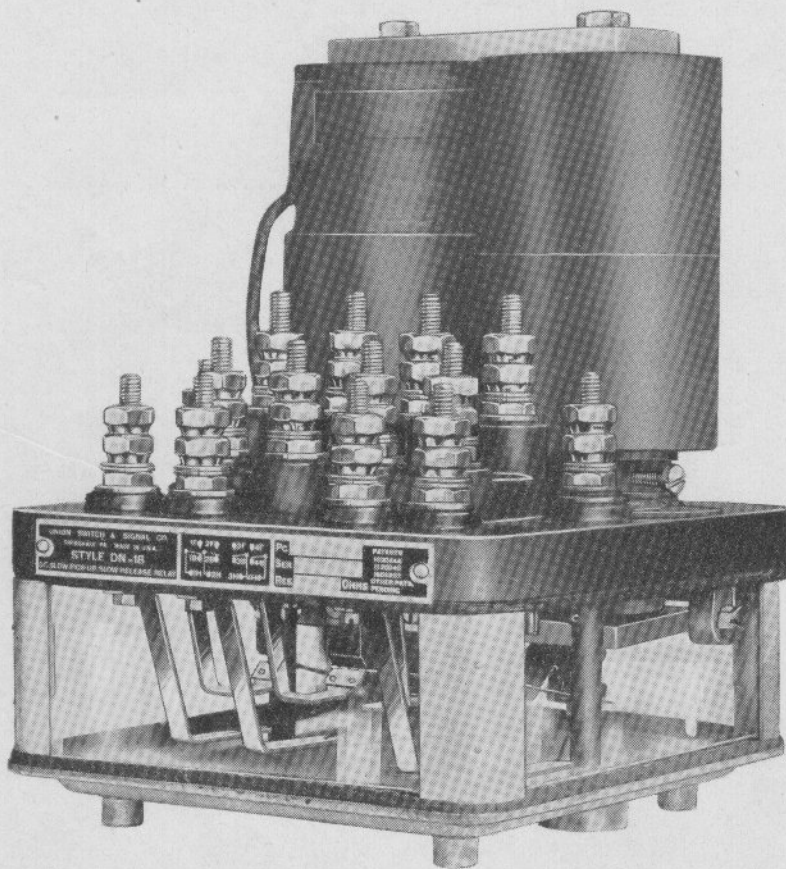


UNION SWITCH & SIGNAL CO.



REF. A—FOUR POINT RELAY—WIDTH $6\frac{1}{4}$ " , DEPTH $6\frac{1}{4}$ " , HEIGHT 9"
REF. B—SIX POINT RELAY—WIDTH $7\frac{5}{8}$ " , DEPTH $6\frac{1}{4}$ " , HEIGHT 9"

STYLE "DN-18" FOUR AND SIX POINT RELAYS

The Style "DN-18" Relay is used in those cases where there is a requirement for a slow pick-up and slow release controlling device. At nominal working voltages it provides a pickup time of 2.3 seconds and a release time of 1.1 seconds.

The Style "DN-18" Relay differs in construction from the Standard Style "DN-11" Relay in that it employs longer magnet cores, lighter gauge contact springs, an adjustable magnetic shunt, a single short magnet coil, and copper tubing covering one core entirely, and part of the other core of the magnetic circuit.

VOID
~~PLATE E-4980~~

UNION SWITCH & SIGNAL CO.

FOUR AND SIX POINT STYLE "DN-18" SLOW PICK-UP,
 SLOW RELEASE LINE RELAY

(WITH ADJUSTABLE MAGNETIC SHUNT)

For details refer to Plate E-4975

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

Piece	Ref.	Description	Drawing Reference																		
	A	Style "DN-18" D.C. Neutral Relay with four front and four back non-independent contacts as shown. Orders should specify the voltage at which relay is to operate.....	C-9077-74																		
	B	Style "DN-18" D.C. Neutral Relay with six front and six back non-independent contacts. Orders should specify voltage at which relay is to operate.....	C-9077-73																		
The resistance selected for the relays depends upon the voltage available at the location. Combinations available are listed in the table below. Cells Lead Bat. Relay or Equivalent Res. Ohms Contacts																					
<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center;">4</td> <td style="text-align: center;">225</td> <td style="text-align: center;">4F-4B</td> </tr> <tr> <td style="text-align: center;">4</td> <td style="text-align: center;">225</td> <td style="text-align: center;">6F-6B</td> </tr> <tr> <td style="text-align: center;">5</td> <td style="text-align: center;">350</td> <td style="text-align: center;">4F-4B</td> </tr> <tr> <td style="text-align: center;">5</td> <td style="text-align: center;">350</td> <td style="text-align: center;">6F-6B</td> </tr> <tr> <td style="text-align: center;">6</td> <td style="text-align: center;">500</td> <td style="text-align: center;">4F-4B</td> </tr> <tr> <td style="text-align: center;">6</td> <td style="text-align: center;">500</td> <td style="text-align: center;">6F-6B</td> </tr> </table>				4	225	4F-4B	4	225	6F-6B	5	350	4F-4B	5	350	6F-6B	6	500	4F-4B	6	500	6F-6B
4	225	4F-4B																			
4	225	6F-6B																			
5	350	4F-4B																			
5	350	6F-6B																			
6	500	4F-4B																			
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