

D-C. SUPERVISORY RELAYS  
 CORD AND TRUNK CIRCUITS  
 NO. 1-D AND NO. 10 SWITCHBOARDS

1. GENERAL

1.01 This addendum, which replaces Issue C and supplements Section A235.001, Issue 2, covers the test electrical values for the various relays when employed as subscriber supervisory relays of cord and trunk circuits in Nos. 1-D and 10 switchboards. It is reissued to list additional

relays to those covered in the section, to change the normal range values for all relays from 750 to 635 ohms and to delete the extended range values for 114S, 118AC and 118AN type relays.

1.02 Table 1 of the section should be disregarded and the following substituted therefore.

TABLE 1

Test Values for Cord and Trunk Circuit Supervisory Relays  
No. 1-D and No. 10 Switchboards

Central Office Voltage	Type of Relays	# Conductor Loop Resistance		
		Normal Range (To 635 Ohms)	Extended Range (To 835 Ohms)	
24 Volts	B1, B2, B3, B4, B5 and B44	Soak	.150 Amp.	.150 Amp.
		Operate	.022 "	.017 "
		Release	.0062 "	.0045 "
24 Volts	B28, B33, 118AC and 118AN	Soak	.150 Amp.	See Note 1
		Operate	.022 "	" " "
		Release	.0062 "	" " "
48 Volts	B3, B5, B15, B28, B33, B53, B352 and *G87	Soak	.150 Amp.	.150 Amp.
		Operate	.030 "	.030 "
		Release	.0085 "	.0085 "
48 Volts	*114S	Soak	.150 Amp.	See Note 1
		Operate	.047 "	" " "
		Release	.005 "	" " "

\* Through both windings in series aiding.

# These range values are conductor loop resistances only and do not include the resistance of station equipment, which is normally considered at 115 ohms.

Note 1: B28, B33, 114S, 118AC and 118AN relays cannot be adjusted to meet the extended range value requirements under conditions shown.