

500-TYPE SET LOOP DESIGN

ZONE 5A OUTER BOUNDARY LIMITS

SxS CROSSBAR and CX DIAL, #12 MANUAL 48-VOLT EXCHANGES

Transmission Limit db (T+R)/2	SOLID GAUGE CABLE LENGTH, KILOFEET			
	26 BST	24 DSM	22 CSA	19 CNB
-7.2	6.8	9.4	12.2	16.1
-6.8	635w $\frac{7.3}{7.6}$	10.1	13.0	17.0
-6.5	7.8	10.5	13.6	17.6
-6.3	8.0	10.9	14.0	18.0
-6.0	8.5	11.3	14.6	18.7
-5.8	8.7	11.6	15.0	19.2
-5.5	9.2	635w $\frac{12.0}{12.2}$	15.6	19.8
-5.3	9.4	12.3	16.0	20.3
-5.0	9.8	12.8	16.5	21.0
-4.8	10.1	13.1	17.0	21.4
-4.5	885w $\frac{10.5}{10.6}$	13.5	17.6	22.1
-4.3	10.8	13.8	18.0	22.6
-4.0	11.2	14.3	18.5	23.3
-3.8	11.4	14.6	19.0	23.8
-3.5	1000w $\frac{11.8}{12.0}$	15.0	19.5	24.6
-3.3	12.1	15.4	635w $\frac{20.0}{19.6}$	25.1
-3.0	1050w $\frac{12.5}{12.6}$	15.8	20.5	25.8
-2.8	12.7	16.1	21.0	26.4
-2.5	13.1	16.7	21.5	27.2
-2.3	13.4	885w $\frac{16.9}{17.1}$	22.0	27.9
-2.0	1150w $\frac{13.8}{13.8}$	17.4	22.6	28.7
-1.8	14.0	17.7	23.0	29.2
-1.5	1200w $\frac{14.4}{14.4}$	18.2	23.6	30.2
-1.2		18.6	24.2	31.0
-1.0		1000w $\frac{19.0}{19.3}$	24.6	31.5
-0.7		19.4	25.3	32.5
-0.5		19.8	25.7	33.2
-0.2		1050w $\frac{20.2}{20.2}$	26.3	34.0
0		20.5	885w $\frac{26.7}{27.3}$	34.7
+0.5		21.3	27.7	36.2
+1.0		1150w $\frac{22.1}{22.1}$	28.8	37.8
+1.5		1200w $\frac{23.0}{23.1}$	1000w $\frac{29.9}{30.8}$	635w $\frac{39.4}{39.4}$
+2.0			31.0	41.0
+2.5			1050w $\frac{32.1}{32.4}$	42.7
+3.0			33.1	44.4

500-TYPE SET LOOP DESIGN
ZONE 5A OUTER BOUNDARY LIMITS
MANUAL and PANEL DIAL 24-VOLT EXCHANGES

Transmission Limit db (T+R)/2	SOLID GAUGE CABLE LENGTH, KILOFEET			
	26 BST	24 DSM	22 GSA	19 CNB
-6.0	635w $\frac{7.3}{7.6}$	10.1	13.8	18.4
-5.5	8.0	10.9	14.8	19.5
-5.0	8.7	11.7	15.8	20.7
-4.9	8.8	635w $\frac{11.9}{12.2}$	16.0	20.9
-4.5	9.3	12.6	16.8	21.8
-4.0	785w $\frac{10.0}{10.0}$	13.4	17.8	22.9
-3.9	835w $\frac{10.1}{10.5}$	13.6	18.0	23.1
-3.5	10.6	14.2	18.7	24.0
-3.4	10.7	14.4	19.0	24.2
-3.0	11.3	15.0	635w $\frac{19.7}{19.6}$	25.1
-2.9	11.4	785w $\frac{15.2}{15.1}$	20.0	25.3
-2.5	11.9	15.7	20.7	26.3
-2.4	12.1	16.0	21.0	26.5
-2.0	12.6	835w $\frac{16.6}{16.1}$	21.7	27.5
-1.9	12.7	16.8	22.0	27.7
-1.5	13.3	880w $\frac{17.4}{16.9}$	22.7	28.6
-1.4	13.4	17.6	23.0	28.8
-1.0	13.9	18.2	23.6	29.8
-0.9	14.0	18.4	23.9	30.1
-0.5	1200w $\frac{14.4}{14.4}$	19.0	785w $\frac{24.6}{23.9}$	31.1
0		19.7	25.5	32.6
+0.5		20.5	835w $\frac{26.5}{25.6}$	34.0
+1.0		21.3	880w $\frac{27.4}{27.1}$	35.5
+1.5		22.0	28.4	37.1
+2.0		22.9	29.4	38.7