mnera			D	escripti	on								Date	
mpera	ture G	lauge]	Resist	tance	Cha	rt				Oct 2004
Ele	ctrical												Issue	12
MEAS	URING R	ANGE: 5	50-150°	С					32	2.4 - 18.0	6 OHMS	REVISION	I 'B' (AP	'R '95)
°C	50	60	70	80	90	100	110	120	130	140	150		-	
-		405	400				(7.5	00.5		00.4		DIAL NUM	IBER:	999 040 013
	322.8 MENT N	165 IMBED:	133	112.5	83	62.2	47.5	36.5	28.9	23.1	18.6			999 040 036 999 040 052
WOYL		JWIDEN.	333 0 10	005										333 040 032
_														
MEAS °C	URING R 60	ANGE - 100	200 ° C 120	140	460	180	200		482.	5 - 14.25	OHMS	REVISION	I 'A' (AP	'R '95)
-0	00	100	120	140	160	180	200					DIAL NUM	IBER:	999 040 020
0	482.5	151.2	85.45	53	32.2	21.1	14.25							
MOVE	MENT N	JMBER:	999 010	012		'				'				
MEAS	URING R	ANGE	100 - 220	١°F						47 - 46	5 OHMS	REVISION		P '05)
°F	100	120	140	160	180	200	220	240	260	280	300	NEVIOION		14 337
												DIAL NUM	IBER:	999 040 014
0	447	298	198.4	160	131	108	90	76	64	54	46.5			999 040 037
MOVE	MENT N	JMBER:	999 010	006										
MEAS	URING R	ANGE -	100 ° C						4	47 - 46.	5 OHMS	REVISION	I 'B' (AP	'R '95)
°C	40	50	60	70	80	90	100							,
		1	1	1	1			1						
0	410	290	200	135	97	71	52.5					DECEDEN	0.5	
-	410 MENT N			135	97	71	52.5					REFEREN	ICE	
MOVE	MENT N	JMBER:	1	135	97	71	52.5					REFEREN	ICE	
MOVE	MENT N	JMBER:	100 ° C			1		240		348 - 29	OHMS	REFEREN	ICE	
MOVE	MENT N	JMBER:	1	135	97	71 200	52.5 220	240	;	348 - 29	OHMS	REFEREN DIAL NUM		999 040 021
MOVE	MENT N	JMBER:	100 ° C			1		240	;	348 - 29	OHMS			999 040 021 999 040 044
MOVE MEAS °C	URING R	ANGE: 120 233	100 ° C 140 155	160	180	200	220			348 - 29	OHMS			
MOVE MEAS °C 0 MOVE	URING R 100 348 MENT N	ANGE: 120 233 JMBER:	100 ° C 140 155 999 010	160 103 015	180	200 51	220					DIAL NUM	IBER:	999 040 044
MOVE MEAS 0 MOVE	URING R 100 348 MENT NU	ANGE: 120 233 JMBER: ANGE -	100 ° C 140 155 999 010 SECON	160 103 015 DARY S	180 70 CALE: 1	200 51 10 ° C	220	29		348 - 29 5 - 14.25			IBER:	999 040 044
MOVE MEAS °C 0 MOVE	URING R 100 348 MENT N	ANGE: 120 233 JMBER:	100 ° C 140 155 999 010	160 103 015	180	200 51	220					DIAL NUM	IBER:	999 040 044
MOVE MEAS °C MOVE MEAS °C	URING R 100 348 MENT NI URING R 40 330	ANGE: 120 233 JMBER: 50 210	100 ° C 140 155 999 010 SECON 60 155	160 103 015 DARY S	180 70 CALE: 1	200 51 10 ° C	220	29				DIAL NUM	IBER:	999 040 044
MOVE MEAS °C MOVE MEAS °C	URING R 100 348 MENT NI URING R 40	ANGE: 120 233 JMBER: 50 210	100 ° C 140 155 999 010 SECON 60 155	160 103 015 DARY S 70	180 70 CALE: 1 80	200 51 10 ° C 90	220 38.5 100	29				DIAL NUM	IBER:	999 040 044
MOVE MEAS °C MOVE MEAS °C	URING R 100 348 MENT NI URING R 40 330	ANGE: 120 233 JMBER: 50 210	100 ° C 140 155 999 010 SECON 60 155	160 103 015 DARY S 70	180 70 CALE: 1 80	200 51 10 ° C 90	220 38.5 100	29				DIAL NUM REVISION	IBER:	999 040 044
MOVE MEAS °C 0 MOVE MEAS °C 0 MOVE	URING R 100 348 MENT NI URING R 40 330	ANGE: 120 233 JMBER: ANGE - 50 210 JMBER:	100 ° C 140 155 999 010 SECON 60 155	160 103 015 DARY S 70	180 70 CALE: 1 80	200 51 10 ° C 90	220 38.5 100	29	482.	5 - 14.25		DIAL NUM REVISION	IBER: I 'A' (AP	999 040 044 'R '95)
MOVE MEAS °C 0 MOVE MEAS °C 0 MOVE	URING R 100 348 MENT NI URING R 40 330 MENT NI	ANGE: 120 233 JMBER: ANGE - 50 210 JMBER:	100 ° C 140 155 999 010 SECON 60 155	160 103 015 DARY S 70	180 70 CALE: 1 80	200 51 10 ° C 90	220 38.5 100	29	482.	5 - 14.25	OHMS	DIAL NUM REVISION REFEREN REVISION	1BER: 1 'A' (AP ICE 1 'B' (AP	999 040 044 'R '95) 'R '95)
MOVE MEAS °C 0 MOVE MEAS °C 0 MOVE	URING R 100 348 MENT NI URING R 40 330 MENT NI URING R 100	ANGE: 120 233 JMBER: ANGE - 50 210 JMBER: ANGE: 120	100 ° C 140 155 999 010 SECON 60 155	160 103 015 DARY S 70 108	180 70 CALE: 1 80 76	200 51 10 ° C 90 59	220 38.5 100 45 200	29 110 34 210	482.3 28 220	5 - 14.25 7 4 - 22 7 230	OHMS 7 OHMS 250	DIAL NUM REVISION REFEREN REVISION	1BER: 1 'A' (AP ICE 1 'B' (AP	999 040 044 'R '95) 'R '95) 999 040 015
MOVE MEAS °C 0 MOVE MEAS °C 0 MOVE	URING R 100 348 MENT NI URING R 40 330 MENT NI URING R 100 287.4	ANGE: 120 233 JMBER: ANGE - 50 210 JMBER: ANGE - 120 190	100 ° C 140 155 999 010 SECON 60 155 250 ° F 140 134	160 103 015 DARY S 70 108	180 70 CALE: 1 80 76	200 51 10 ° C 90 59	220 38.5 100 45	29 110 34	482.3	5 - 14.25	OHMS	DIAL NUM REVISION REFEREN REVISION	1BER: 1 'A' (AP ICE 1 'B' (AP	999 040 044 'R '95) 'R '95)
MOVE MEAS °C 0 MOVE MEAS °C 0 MOVE	URING R 100 348 MENT NI URING R 40 330 MENT NI URING R 100	ANGE: 120 233 JMBER: ANGE - 50 210 JMBER: ANGE - 120 190	100 ° C 140 155 999 010 SECON 60 155 250 ° F 140 134	160 103 015 DARY S 70 108	180 70 CALE: 1 80 76	200 51 10 ° C 90 59	220 38.5 100 45 200	29 110 34 210	482.3 28 220	5 - 14.25 7 4 - 22 7 230	OHMS 7 OHMS 250	DIAL NUM REVISION REFEREN REVISION	1BER: 1 'A' (AP ICE 1 'B' (AP	999 040 044 'R '95) 'R '95) 999 040 015
MOVE MEAS °C 0 MOVE MEAS °C 0 MOVE	URING R 100 348 MENT NI URING R 40 330 MENT NI URING R 100 287.4	ANGE: 120 233 JMBER: ANGE - 50 210 JMBER: ANGE - 120 JMBER: 190 JMBER:	100 ° C 140 155 999 010 SECON 60 155 250 ° F 140 134 999 010	160 103 015 DARY S 70 108 160 92 008	180 70 CALE: 1 80 76 180 62	200 51 10 ° C 90 59 190 51.3	220 38.5 100 45 200	29 110 34 210	482.3 28 220 34	5 - 14.25 7 4 - 22 230 29.4	ОНМS 7 ОНМS 250	DIAL NUM REVISION REFEREN REVISION	1BER: 1 'A' (AP 1CE 1 'B' (AP 1BER:	999 040 044 'R '95) 'R '95) 999 040 015 999 040 038
MOVE MEAS °C 0 MOVE MEAS °C 0 MOVE	URING R 100 348 MENT NI URING R 40 330 MENT NI URING R 100 287.4 MENT NI	ANGE: 120 233 JMBER: ANGE - 50 210 JMBER: ANGE - 120 JMBER: 190 JMBER:	100 ° C 140 155 999 010 SECON 60 155 250 ° F 140 134 999 010	160 103 015 DARY S 70 108 160 92 008	180 70 CALE: 1 80 76 180 62	200 51 10 ° C 90 59 190 51.3	220 38.5 100 45 200	29 110 34 210	482.3 28 220 34	5 - 14.25 7 4 - 22 230 29.4	OHMS 7 OHMS 250 22	DIAL NUM REVISION REFEREN REVISION DIAL NUM	1BER: 1 'A' (AP 1CE 1 'B' (AP 1BER:	999 040 044 'R '95) 'R '95) 999 040 015 999 040 038
MOVE MEAS °C 0 MOVE MEAS °C 0 MOVE MEAS °C	URING R 100 348 MENT NI URING R 40 330 MENT NI URING R 100 287.4 MENT NI URING R 40 URING R 40 40 40 40 40 40 40 40 40 40	ANGE: 120 233 JMBER: ANGE - 50 210 JMBER: ANGE - 120 190 JMBER: ANGE - 50	100 ° C 140 155 999 010 SECON 60 155 250 ° F 140 134 999 010 SECON 60 SECON 60	160 103 015 DARY S 70 108 160 92 008 DARY S 70	180 70 CALE: 1 80 76 180 62 CALE: 1 80	200 51 10 ° C 90 59 59 59 51.3 20° C 90	220 38.5 100 45 200 46	29 110 34 210 38 110	482.3 28 220 34 287 120	5 - 14.25 7 4 - 22 230 29.4	OHMS 7 OHMS 250 22	DIAL NUM REVISION REFEREN REVISION DIAL NUM	1BER: 1 'A' (AP 1CE 1 'B' (AP 1BER:	999 040 044 'R '95) 'R '95) 999 040 015 999 040 038
MOVE MEAS °C 0 MOVE MEAS °C 0 MOVE MEAS °C 0 MOVE	URING R 100 348 MENT NI URING R 40 330 MENT NI URING R 100 287.4 MENT NI URING R	ANGE: 120 233 JMBER: 233 JMBER: 210 210 210 210 JMBER: 120 190 JMBER: 120 190 JMBER: 120	100 ° C 140 155 999 010 SECON 60 155 250 ° F 140 134 999 010 SECON 60 134	160 103 015 DARY S 70 108 160 92 008 DARY S 70 94	180 70 CALE: 1 80 76 180 62 CALE: 1	200 51 10 ° C 90 59 59 59 51.3	220 38.5 100 45 200 46	29 110 34 210 38	482.3 28 220 34 287	5 - 14.25 7 4 - 22 230 29.4	OHMS 7 OHMS 250 22	DIAL NUM REVISION REFEREN REVISION DIAL NUM	1BER: 1 'A' (AF 1CE 1 'B' (AF 1BER: 1 'B' (AF	999 040 044 'R '95) 'R '95) 999 040 015 999 040 038

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MEASURING RANGE: 140 - 320 ° F 1815 - 80 OH													
°F	140	160	180	200	220	240	260	280	300	320			
0	1815	1130	750	490	350	237	170	128	99	80			
MOVEMEN	NT NU	MBER:	999 0	10 009	9								

MEASURI	MEASURING RANGE - SECONDARY SCALE: 160 ° C 1815 - 80 OHMS													
BAR	60	70	80	90	100	110	120	130	140	150	160			
0	1815	1160	800	550	410	290	210	155	118	90	80			
MOVEMEN	IUN TI	MBER:												

MEASURI	MEASURING RANGE: 400 ° F 482.5 - 14.5 OHMS												
°F	150	175	200	225	250	275	300	325	350	375	400		
0	482.5	270	182	120	82	56	41	30.5	23	18	14.5		
MOVEMEN	NT NUI	MBER:	999 0	10 01:	2								

MEASURI	NG RA	NGE -	SECO	NDAF	RY SC/	ALE: 2	00° C	482	2.5 - 14	4.5 OH	MS	REVISION 'B' (APR '95)
°C	70	90	110	130	150	170	200					
0	420	185	110	66	39	27	15					
MOVEMEN		MBER:	: 999 0	10 00	В							REFERENCE

REFERENCE

REVISION 'A' (APR '95)

DIAL NUMBER: 999 040 017 999 040 040

999 040 039

REVISION 'B' (APR '95)

REVISION 'B' (APR '95)

REVISION 'B' (APR '95)

DIAL NUMBER: 999 040 023

999 040 046

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REVISION 'B' (APR '95)

REVISION 'B' (APR '95) *120* MARK ONLY ON DIAL NUMBER: 999 040 045 *190* MARK NOT ON

REVISION 'B' (APR '96)

REFERENCE

REFERENCE

DIAL NUMBER: 999 040 045

999 040 022

DIAL NUMBER: 999 040 016

l													
	0	3	25	45	65	85	110	138	156	180			
- 1	MOVEMENT NUMBER: 999 010 003												
L	MOVEMEN		VIDER.	. 999 0		<i>.</i>							
	MOVEMEN			999.0	10 00.	, 							
,							LE: 14	0°C		556	- 31 0	HMS	

96

57

57

72

240 260

42

120

42

53

31

130

31

42

280

23

140

23

34

322.8

300

18.6

150

18.6

322.8 - 18.6 OHMS

29

18.6 OHMS

0

°F

0

°C

0

475

MEASURING RANGE: 300 ° F

50

MOVEMENT NUMBER:

244

120 160 180

322.8 135 105.7

80

322.8 135 105.7 76

MOVEMENT NUMBER: 999 010 005

MOVEMENT NUMBER: 999 010 005

180

MEASURING RANGE - SECONDARY SCALE: 150 ° C

90

132

200 220

76

100 110

MEASURI	NG RA	NGE:		556	6 - 31 (OHMS					
°F	100	120	140	160	180	200	220	240	260	280	
0	3	25	45	65	85	110	138	156	180		
MOVEMEN	NT NU	MBER	999 0	10 00:	3						