

Dc Circular Scale

Taut Band Suspension

Dc Edgewise

Taut Band Suspension

	Type.... Size Scale Arc ... Standard Specification Accuracy Class....	KX-241 4 1/2" Square 250° ANSI C39.1 1%	KX-261 8 3/4" Square 250° ANSI C39.1 1%	Navy HI-Shock KX-241 4 1/2" Square 250° MIL-M-16034A 1 1/2%				VX-252 6" x 1 3/4" 60° 1 1/2%	HX-252 6" x 1 3/4" 60° 1 1/2%		Notes:
											
	Scale Rating	Style No.	Style No.	Style No.	Style No.	Style No.	Style No.	Style No.	Style No.	Style No.	
Dc Microammeter self-contained	50 uA 100 uA 200 uA 500 uA 750 uA	691B673A09 691B673A10 691B673A12 691B673A13	691B689A26 691B689A27 691B689A29 691B689A30	671B419A09 671B419A10 671B419A12 671B419A13				644B651A10 644B651A11 644B651A12 644B651A13	644B650A10 644B650A11 644B650A12 644B650A13		
Dc Milliammeter self-contained	1 mA 2 mA 3 mA 5 mA 10 mA 20 mA 50 mA 200 mA 500 mA	691B687A09 691B687A10 691B687A11 691B687A12 691B687A13 691B687A14 691B687A16 691B687A17	691B689A09 691B689A10 691B689A11 691B689A12 691B689A13 691B689A14 691B689A16 691B689A17	671B419A25 671B419A26 671B419A27 671B419A28 671B419A29 671B419A30 671B419A32 671B419A33				606B419A09 606B419A10 606B419A11 606B419A12 606B419A14 606B419A16 606B419A18 606B419A21 606B419A24	606B432A09 606B432A10 606B432A11 606B432A12 606B432A14 606B432A16 606B432A18 606B432A21 606B432A24		
Dc Ammeter self-contained	2 A 5 A 15 A 20 A	714B443A11 714B443A13 714B443A16 714B443A17	691B692A27 691B692A29 691B692A32 691B692A33	671B422A11 671B422A13 671B422A16 671B422A17				606B421A10 606B421A11 606B421A15 606B421A14	606B425A10 606B425A11 606B425A15 606B425A13		
Dc Ammeter for external 50 mV shunts	10 A 15 A 25 A 50 A 75 A 100 A 150 A 200 A 250 A 300 A 400 A 500 A 600 A 1000 A 1500 A 4000 A	691B671A12 691B671A13 691B671A14 691B671A15 691B671A16 691B671A17 691B671A18 691B671A19 691B671A20 691B671A21 691B671A22 691B671A23 691B671A24 691B671A26 691B671A27 691B671A31	Use style number for generic scale and specify dial marking information	671B420A10 671B420A11 671B420A12 671B420A13 671B420A14 671B420A15 671B420A16 671B420A17 671B420A18 671B420A19 671B420A20 671B420A21 671B420A22 671B420A24 671B420A25 671B420A29				606B623A14 606B623A15 606B623A16 606B623A17 606B623A18 606B623A19 606B623A20 606B623A21 606B623A22 606B623A23 606B623A24 606B623A25 606B623A26 606B623A28 606B623A29 606B623A33	606B624A14 606B624A15 606B624A16 606B624A17 606B624A18 606B624A19 606B624A20 606B624A21 606B624A22 606B624A23 606B624A24 606B624A25 606B624A26 606B624A28 606B624A29 606B624A33		
Dc Ammeter for external shunt (Generic Scale)	50 mV 100 mV	691B671A09 691B671A10 Calibrated for standard lead resistance .065 ohm. If used with any other resistance between zero and .13 ohm, the error due to lead resistance will not exceed .13% for 50 mV, or .03% for the 100 mV instrument.	691B692A11 691B692A12	671B420A34 671B420A35				606B623A38 606B623A39	606B624A38 606B624A39		Specify shunt rating and scale markings

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	Scale Rating	Style No.	Style No.	Style No.	Style No.	Style No.	Style No.	Style No.	Style No.	Style No.	
Dc Millivoltmeter self-contained	50 mV 100 mV 200 mV 500 mv	714B449A09 714B449A10 714B449A11 714B449A12	714B462A09 714B462A10 714B462A11 714B462A12	..... ..... ..... .....				606B623A09 606B623A10 606B623A11 606B623A12	606B624A09 606B624A10 606B624A11 606B624A12		
Dc Voltmeter self-contained	1 V 2 V 5 V 8 V 10 V 15 V 30 V 80 V 100 V 150 V 300 V 600 V 800 V	 691B672A09 691B672A10 691B672A11 691B672A38 691B672A12 691B672A13 691B672A14 691B672A37 691B672A15 691B672A16 691B672A18 691B672A19	 691B690A09 691B690A10 691B690A11 691B690A12 691B690A13 691B690A14 691B690A15 691B690A16 691B690A18 691B690A19	 671B421A09 671B421A10 671B421A11 671B421A12 671B421A13 671B421A14 671B421A21 671B421A15 671B421A16 671B421A18 671B421A19				606B413A22 606B413A09 606B413A10 606B413A11 606B413A12 606B413A13 606B413A14 606B413A16 606B413A17 606B413A18 606B413A19 606B413A20 606B413A23	606B454A22 606B454A09 606B454A10 606B454A11 606B454A12 606B454A13 606B454A14 606B454A16 606B454A17 606B454A18 606B454A19 606B454A20 606B454A23		
Dc Voltmeter self-contained Zener type suppressed zero	200-300 V	714B450A14	.....	.....	.....	.....	.....	.....	.....	.....	
Dc Ground Detector for use with separate resistors	.5-0-.5 mA	691B673A34	691B689A38	671B421A38							External Resistors are contained in circular scale Modifications Section

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	Scale Rating	Style No.	Style No.	Style No.	Style No.	Style No.	Style No.	Style No.	Style No.	Style No.	
Ac Milliammeter 25-200 Hz self-contained	10 mA 100 mA 500 mA	291B460A29 291B460A32 291B460A34	292B642A29 292B642A32 292B642A34	Order by description				644B655A09 644B655A12 644B655A14	644B654A09 644B654A12 644B654A14		
Ac Ammeter for use with current transformer 5 amp full scale 60 Hz	25 A 40 A 50 A 60 A 75 A 100 A 150 A 200 A 300 A 400 A 500 A 600 A 800 A 1000 A 1200 A 1500 A 1600 A 2000 A 2500 A 3000 A 4000 A 5000 A	291B461A12 291B461A14 291B461A15 291B461A16 291B461A17 291B461A19 291B461A20 291B461A21 291B461A23 291B461A24 291B461A25 291B461A26 291B461A27 291B461A28 291B461A29 291B461A30 291B461A36 291B461A31 291B461A32 291B461A33 291B461A34 291B461A35	Use style number for generic scale and specify scale marking information	Order by description				644B014A12 644B014A14 644B014A15 644B014A16 644B014A17 644B014A18 644B014A19 644B014A20 644B014A21 644B014A22 644B014A23 644B014A24 644B014A25 644B014A26 644B014A27 644B014A28 644B014A29 644B014A30 644B014A31 644B014A32	644B015A12 644B015A14 644B015A15 644B015A16 644B015A17 644B015A18 644B015A19 644B015A20 644B015A21 644B015A22 644B015A23 644B015A24 644B015A25 644B015A26 644B015A27 644B015A28 644B015A29 644B015A30 644B015A31 644B015A32		
Ac Ammeter 5 A, for use with current transformer 25-200 Hz	Generic Scale	291B460A26	292B642A26	.....				644B014A08	644B015A08	.....	Specify CT ratio and scale marking information
Ac Ammeter 25-200 Hz self-contained	5A 8A 10A 15A 20A 25A 30A 40A 50A	291B460A21 291B460A22 291B460A23 291B460A24 291B460A25	292B642A21 292B642A22 292B642A23 292B642A24 292B642A25	Order by description				606B424A11 606B424A16 606B424A12 606B424A17 606B424A13	606B458A11 606B458A16 606B458A12 606B458A17 606B458A13		
Ac Voltmeter 50-60 Hz self-contained	30 V 150 V 300 V 600 V	 291B460A09 291B460A10 291B460A11	 292B642A09 292B642A10 292B642A11	Order by description				 606B618A09 606B618A10 606B618A11	 606B619A09 606B619A10 606B619A11		

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	Type.... Size.... Scale Arc.... Standard Specification.... Accuracy Class....	KA-241 4 1/2" Square 250° ANSI C39.1 1%	KA-261 8 3/4" Square 250° ANSI C39.1 1%	Navy HI-Shock KC-241 4 1/2" Square 250°				VC-252 6" x 1 3/4" 60° 1 1/2%	HC-252 6" x 1 3/4" 60° 1 1/2%		Notes:
											
	Scale Rating	Style No.	Style No.	Style No.	Style No.	Style No.	Style No.	Style No.	Style No.	Style No.	
Ac Voltmeter for use with potential transformer 50-60 Hz	300 V	291B462A14	.....					.....	.....		150 V Endscale
	600 V	291B462A09	.....					644B018A10	644B019A10		"
	3000 V	291B462A10	.....					644B018A11	644B018A11		"
	5000 V	291B462A11	.....					.....	.....		143 V Endscale
	9000 V	.....	.....					644B018A14	644B019A14		150 V Endscale
	5.25 kV	.....	.....					644B018A12	644B019A12		"
	15 kV	291B462A12	.....					.....	.....		125 V Endscale
	18 kV	291B462A13	.....					644B018A16	644B019A16		150 V Endscale
Ac Voltmeter scale not listed above Use with potential transformer 25-100 Hz	125 V	291B460A15	.....					.....	.....		
	143 V	291B460A08	292B642A08					.....	.....		
	150 V	291B460A12	292B642A12					.....	.....		
Ac Voltmeter electrically suppressed zero (Zener) 25-1000 Hz		KC-241	KC-241					VC-252	HC-252		
	90-130 V	714B461A09	714B503A09					670B121A13	670B122A13		
	100-140 V	714B461A10	714B503A10					670B121A10	670B122A10		
	110-130 V	714B461A12	714B503A12					670B121A09	670B122A09		
	105-125 V	714B461A17	714B503A14					.....	.....		
Ac Voltmeter expanded scale (Zener) 25-1000 Hz	0-110--130 V	691B229A10	691B230A10	.....	.....	.....	.....	.....	.....	.....	
Ac Voltmeter electrically suppressed zero (Zener) 400 Hz				KC-241 MIL-V-23151							
	430-470 V	.....	.....	717B216A14	.....	.....	.....	.....	.....	.....	
Ac Voltmeter Rectifier self-contained 20-10,000 Hz	5 V	714B317A09	714B320A09	671B424A09				.....	.....		
	20 V	714B317A11	714B320A11	671B424A11				.....	.....		
	50 V	714B317A12	714B320A12	671B424A12				.....	.....		
	150 V	714B317A14	714B320A14	671B424A14				.....	.....		
Resistance Thermometer self-contained 120 volt, 60 Hz		KX-241	KX-261	KX-241 MIL-T-2867B							
	0-150°C	714B466A10	714B504A10	714B466A30				.....	.....		For use with 10 ohm copper coil
	0-200°C	714B466A11	714B504A11	714B466A31				.....	.....		
	0-200°F	714B466A12	714B504A12	714B466A32				.....	.....		
	20-140°C	714B466A17	.....	.....				.....	.....		
Resistance Thermometer 20 Vdc	0-150°C	409C610A33	292B658A10								For use with 10 ohm copper coil

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	Scale Rating	Style No.	Style No.	Style No.	Style No.	Style No.	Style No.	Style No.	Style No.	Style No.	
Frequency Meter 120 volt self-contained	59-61 Hz	KR3-241 714B538A15	KR3-261 714B505A15	KX-241				670B408A15	670B409A15		
	58-62 Hz	714B538A16	714B505A16	.....				670B408A14	670B409A14		
	55-65 Hz	714B538A09	714B505A09	.....				670B408A13	670B409A13		
	50-70 Hz	714B538A10	714B505A10	.....				670B408A12	670B409A12		
	45-55 Hz	714B538A11	714B505A11	.....				670B408A09	670B409A09		
	45-65 Hz	714B538A12	714B505A12	.....				670B408A11	670B409A11		
	350-450 Hz	714B538A13	714B505A13	.....				670B408A16	670B409A16		
Frequency Meter 120 volt, with external transducer	55-65 Hz			KX-241 MIL-M-16125							
	350-450 Hz	.....	.....	291B270A10 291B270A13				.....	.....		
Power Factor Meter 5A, 60Hz 1ph 120 V 3ph, 3-W 120 V, 480 V Self-contained 3ph, 4-W 120/208 V	.5 - 1 - .5 (Lag - Lead)	KJ-241	KJ-261					VX-252	HX-252		HX and VX-252 supplied with external transducer type VF2-841
		775B221A09	775B265A09	.....				.....	.....		
		775B221A11 775B221A14	775B265A11 775B265A14	..... .....				671B379A09	671B379A25		
		775B221A13	775B265A13	.....				.....	.....		
Power Factor Meter 5A, 120 V, 60Hz 1 Phase, 2 Quadrant 3 PH 3 W, 2 Quadrant	0 - 1 - 0 (Lag - Lead)	KI-241	KI-261	KI-241 MIL-S-16104							
		186A236A01 186A237A01	186A242A01 186A241A01	292B703A18 292B703A30				..... .....	..... .....		
Synchroscope Self-Contained 120 V, 60 Hz 120 V, 50 Hz 120 V, 400 Hz	Slow - Fast	186A235A01	186A243A01	292B703A09							
		186A662A01	186A659A01								
				292B703A10							

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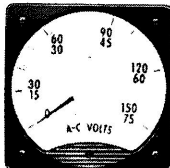
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	Type..... Size..... Scale Arc..... Standard Specification..... Accuracy Class.....	KP241 4 1/2" Square 250° ANSI C39.1 1%	KP261 8 3/4" Square 250° ANSI C39.1 1%	Navy HI-Shock KP241 4 1/2" Square 250° MIL-M-16034A 1 1/2%				VX252 6" x 1 3/4" 60° 1 1/2%	HX252 6" x 1 3/4" 60° 1 1/2%		Notes:
											
	Scale Rating	Style No.	Style No.	Style No.	Style No.	Style No.	Style No.	Style No.	Style No.	Style No.	
Ac Wattmeter 50-60 Hz 1 element, 1 phase	5A 120 V	409C711A18	292B888A20	409C685A20				714B607A09	714B611A09		VX and HX-252 and EX-251 Wattmeters supplied with external transducer type VP2-840. Others are self-contained.
2 elem., 1 ph., 3 w. or 2 elem., 3 ph., 3 w.	120 V	409C711A37	292B889A40	409C685A40				714B607A10	714B611A10		
2 elem., 1 ph., 3 w. or 2 elem., 3 ph., 3 w.	480 V	265C081A39	.....	.....				.....	.....		
2 1/2 elem., 3 ph., 4 w.	120 V	409C711A57	292B890A59	409C685A59				714B607A11	714B611A11		
Ac Varmeter With separate phase shifter 50-60 Hz 2 elem., 3 ph., 3 w. 60 Hz	5A 120V	409C711A62	292B889A30	409C685A62				.....	.....		
		Three phase types include MV-832 Phase Shifter.									
Ac Varmeter 50-60 Hz 2 elem., 3 ph., 3 w. 2 1/2 elem., 3 ph., 4 w.	5A 120 V	KV-241 205C094A19 205C094A47	KV-261 718B390A21 718B394A20					714B607A26 714B607A27			VX and HX-252 and EX-251 Varmeters supplied with external transducer type VV2-840.

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Type.... Size.... Scale Arc.... Standard Specification.... Accuracy Class....		KC-241 4½" Square 250° ANSI C39.1 1%	KC-261 8¾" Square 250° ANSI C39.1 1%	Navy HI-Shock KC-241 4½" Square 250° MIL-M-16034A 1½%	Notes:
					Description, Dimensions: K-241: DB 43-240 K-261: DB 43-260 Application Data, Burdens, Etc.: AD 43-200
	Rating, Scale	Style No.	Style No.	Style No.	
Ac Milliammeter Rectifier	1 mA 2 mA	714B316A09 714B316A10	714B320A29 714B320A30	671B423A09 671B423A10	
25-10,000 Hz 24					
Ac Ammeter Rectifier	2.5 A 5 A 7.5 A 10 A 100 mA to 17 A }	714B468A11 714B468A10 714B468A12 714B468A13 714B468A09	714B320A37 714B320A38	671B886A10	Specify rating, dial mark- ing and current trans- former, if used.
25-10,000 Hz 25					
Ac Voltmeter Rectifier	5 V 10 V 15 V 20 V 30 V 50 V	714B317A09 714B317A10 714B317A11 714B317A12	714B320A09 714B320A10 714B320A11 714B320A12	671B424A09 671B424A10 671B424A11 671B424A12	The 150 V rating may be used with a potential transformer. Scale will be marked in rated voltage times pt ratio.
self-contained 20-10,000 Hz 26	100 V 150 V 300 V 600 V	714B317A13 714B317A14 714B317A15 714B317A16	714B320A13 714B320A14 714B320A15 714B320A16	671B424A13 671B424A14 671B424A15 671B424A16	Specify potential trans- former ratio.

Specify rating, dial marking and current transformer, if used.

The 150 V rating may be used with a potential transformer. Scale will be marked in rated voltage times pt ratio.

Specify potential transformer ratio.