



## Jewell Instruments 2810 Series Catalog 2014

Type	Rating and Scale	Terminal Resistance ( $\Omega$ )	Catalog Number	
			3 1/2"	4 1/2"
<b>DC MILLIVOLTMETER</b> <b>Zero-Left</b>	0-5mv 0-100mv	50 100	CLE8-N3D050 CLE8-N3D100	CLE8-N4D050 CLE8-N4D100
<b>DC MILLIVOLTMETER</b> <b>Zero-Center</b>	5-0-5mv 100-0-100mv	50 100	CLE8-N3D050C CLE8-N3D100C	CLE8-N4D050C CLE8-N4D100C
<b>DC VOLTMETERS</b> <b>Zero-Left</b>	0-10V 0-30V 0-50V  0-100V 0-150V 0-200V 0-300V	1000 ohms/Volt	CLE8-V3D10 CLE8-V3D30 CLE8-V3D50  CLE8-V3D100 CLE8-V3D150 CLE8-V3D200 CLE8-V3D300	CLE8-V4D10 CLE8-V4D30 CLE8-V4D50  CLE8-V4D100 CLE8-V4D150 CLE8-V4D200 CLE8-V4D300
<b>DC VOLTMETERS</b> <b>Zero-Center</b>	10-0-10V 10-0-30V 50-0-50V  100-0-100V 150-0-150V 200-0-200V 300-0-300V	1000 ohms/Volt	CLE8-V3D10C CLE8-V3D30C CLE8-V3D50C  CLE8-V3D100C CLE8-V3D150C CLE8-V3D200C CLE8-V3D300C	CLE8-V4D10C CLE8-V4D30C CLE8-V4D50C  CLE8-V4D100C CLE8-V4D150C CLE8-V4D200C CLE8-V4D300C
<b>DC MILLIAMMETERS</b> <b>Zero-Left</b>	0-1mA 0-5mA 0-10mA  0-50mA 0-100mA 0-500mA 0-1000mA	43.0 3.8 2.2  1.0 .5 .10 .05	CLE8-M3D001 CLE8-M3D005 CLE8-M3D010  CLE8-M3D050 CLE8-M3D100 CLE8-M3D500 CLE8-M3D1000	CLE8-M4D001 CLE8-M4D005 CLE8-M4D010  CLE8-M4D050 CLE8-M4D100 CLE8-M4D500 CLE8-M4D1000
<b>DC MILLIAMMETERS</b> <b>Zero-Center</b>	1-0-1mA	35.0	CLE8-M3D001C	CLE8-M4D001C
<b>DC MILLIAMMETERS</b> <b>Zero-Suppressed</b>	1-5mA 4-20mA 10-50mA	5 6.6 2.0	CLE8-M3D005U CLE8-M3D0020U CLE8-M3D0050U	CLE8-M4D005U CLE8-M4D0020U CLE8-M4D0050U

<b>DC AMMETERS Zero-Left 50mV Shunt Rated</b>	0-15A	10	CLE8-A3D150	CLE8-A4D150
	0-20A	10	CLE8-A3D200	CLE8-A4D200
	0-25A	10	CLE8-A3D250	CLE8-A4D250
	0-30A	10	CLE8-A3D300	CLE8-A4D300
	A-50A	10	CLE8-A3D500	CLE8-A4D500
	0-75A	10	CLE8-A3D750	CLE8-A4D750
	0-100A	10	CLE8-A3D101	CLE8-A4D101
	0-150A	10	CLE8-A3D151	CLE8-A4D151
	0-200A	10	CLE8-A3D201	CLE8-A4D201
	0-300A	10	CLE8-A3D301	CLE8-A4D301
	0-500A	10	CLE8-A3D501	CLE8-A4D501
	0-750A	10	CLE8-A3D751	CLE8-A4D751
	0-1000A	10	CLE8-A3D102	CLE8-A4D102
	0-1200A	10	CLE8-A3D122	CLE8-A4D122
0-1500A	10	CLE8-A3D152	CLE8-A4D152	
0-2000A	10	CLE8-A3D202	CLE8-A4D202	
<b>DC AMMETERS Zero-Center 50mV Shunt Rated</b>	15-0-15A	10	CLE8-A3D150C	CLE8-A4D150C
	20-0-20A	10	CLE8-A3D200C	CLE8-A4D200C
	25-0-25A	10	CLE8-A3D250C	CLE8-A4D250C
	30-0-30A	10	CLE8-A3D300C	CLE8-A4D300C
	50-0-50A	10	CLE8-A3D500C	CLE8-A4D500C
	100-0-100A	10	CLE8-A3D101C	CLE8-A4D101C
	150-0-150A	10	CLE8-A3D151C	CLE8-A4D151C
	200-0-200A	10	CLE8-A3D201C	CLE8-A4D201C
	300-0-300A	10	CLE8-A3D301C	CLE8-A4D301C
	500-0-500A	10	CLE8-A3D501C	CLE8-A4D501C
<b>AC VOLTMETERS (Self-Contained) Iron-Vane 50/60Hz</b>	0-150V	30K	CLE8-V3A150	CLE8-V4A150
	0-300V	60K	CLE8-V3A300	CLE8-V4A300
	0-500V	100K	CLE8-V3A500	CLE8-V4A500
	0-600V	120K	CLE8-V3A600	CLE8-V4A600
<b>AC VOLTMETERS (Transformer-Rated) 0-250V Rated Iron-Vane 50/60Hz</b>	0-600V	30K	CLE8-X3A600	CLE8-X4A600
	0-750V	30K	CLE8-X3A750	CLE8-X4A750
	0-3000V	30K	CLE8-X3A3000	CLE8-X4A3000
	0-5250V	30K	CLE8-X3A5250	CLE8-X4A5250
	0-6KV	30K	CLE8-X3A6K	CLE8-X4A6K
	0-9KV	30K	CLE8-X3A9K	CLE8-X4A9K
	0-15KV	30K	CLE8-X3A15K	CLE8-X4A15K
	0-18KV	30K	CLE8-X3A18K	CLE8-X4A18K

<b>AC VOLTMETERS (Transformer-Rated) 0-250V Rated Iron-Vane 400Hz</b>	0-600V 0-5000V	60K 60K	CLE8-W3A600 CLE8-W3A5000	CLE8-W4A600 CLE8-W4A5000
<b>AC VOLTMETERS (Self-Contained) Iron-Vane 400Hz</b>	0-50V 0-150V 0-300V	5K 30K 60K	CLE8-G3A50 CLE8-G3A150 CLE8-G3A300	CLE8-G4A50 CLE8-G4A150 CLE8-G4A300

Type	Scale Hz	Center Frequency Hz	Voltage Nom.	Catalog Number	
				3 1/2"	4 1/2"
<b>Frequency Meters Accuracy: 3% of span</b>	45-55	50	120	CLE8-F3A4555	CLE8-F4A4555
	45-65	55	120	CLE8-F3A4565	CLE8-F4A4565
	55-65	60	120	CLE8-F3A5565	CLE8-F4A5565
	380-420	400	120	CLE8-F3A380420	CLE8-F4A380420

Type	Rating and Scale	Terminal Resistance ( $\Omega$ )	Catalog Number	
			3 1/2"	4 1/2"
<b>AC MILLIAMMETERS Self-Contained Taut-Band Rectifier Type</b>	0-1mA	1100	CLE8-M3A001	CLE8-M4A001
	0-5mA	260	CLE8-M3A005	CLE8-M4A005
	0-10mA	140	CLE8-M3A010	CLE8-M4A010
	0-50mA	45.0	CLE8-M3A050	CLE8-M4A050
	0-100mA	6.0	CLE8-M3A100	CLE8-M4A100
	0-200mA	1.5	CLE8-M3A200	CLE8-M4A200
	0-500mA	0.4	CLE8-M3A500	CLE8-M4A500
<b>AC AMMETERS Self-Contained Iron-Vane 60 Hz nom. 50-400Hz range</b>	0-1A	0.26	CLE8-B3A1	CLE8-B4A1
	0-5A	0.01	CLE8-B3A5	CLE8-B4A5
	0-10A	0.005	CLE8-B3A10	CLE8-B4A10
	0-15A	0.003	CLE8-B3A15	CLE8-B4A15
	0-20A	0.002	CLE8-B3A20	CLE8-B4A20
	0-30A	0.0015	CLE8-B3A30	CLE8-B4A30
	<b>AC AMMETERS Transformer-Rated 0-5A Rated Iron-Vane 60Hz nom. 50-400Hz range</b>	0-10A	.01	CLE8-A3A100
0-30A		.01	CLE8-A3A300	CLE8-A4A300
0-50A		.01	CLE8-A3A500	CLE8-A4A500
0-75A		.01	CLE8-A3A750	CLE8-A4A750
0-100A		.01	CLE8-A3A101	CLE8-A4A101
A-150A		.01	CLE8-A3A151	CLE8-A4A151
0-200A		.01	CLE8-A3A201	CLE8-A4A201
0-300A		.01	CLE8-A3A301	CLE8-A4A301
0-400A		.01	CLE8-A3A401	CLE8-A4A401

<b>AC AMMETERS</b> <b>Transformer-Rated</b> <b>0-5A Rated</b> <b>Iron-Vane 60Hz nom.</b> <b>50-400Hz range</b>	0-500A	.01	CLE8-A3A501	CLE8-A4A501
	0-600A	.01	CLE8-A3A601	CLE8-A4A601
	0-800A	.01	CLE8-A3A801	CLE8-A4A801
	0-1000A	.01	CLE8-A3A102	CLE8-A4A102
	0-1200A	.01	CLE8-A3A122	CLE8-A4A122
	0-1500A	.01	CLE8-A3A152	CLE8-A4A152
	0-1600A	.01	CLE8-A3A162	CLE8-A4A162
	0-1kA	.01	CLE8-A3A1K	CLE8-A4A1K
	0-1.2kA	.01	CLE8-A3A12K	CLE8-A4A12K
	0-1.5kA	.01	CLE8-A3A15K	CLE8-A4A15K
	0-2kA	.01	CLE8-A3A2K	CLE8-A4A2K
	0-2500A	.01	CLE8-A3A252	CLE8-A4A252
	0-3kA	.01	CLE8-A3A3K	CLE8-A4A3K
0-4kA	.01	CLE8-A3A4K	CLE8-A4A4K	
<b>AC MOTOR LOAD</b> <b>INDICATOR</b> <b>Transformer-Rated</b> <b>0-5A Rated</b> <b>60Hz nom.</b> <b>50-400Hz range</b>	0-150%	.01	CLE8-A3A150P	CLEA8-A4A150P