



Technical Data Sheet



File No. E471457

212, 312 & 412 Vista Series Analog Panel Meter



212, 312 & 412 Vista Series

Application

The VISTA range of analog panel meters offers accurate measurement and indication of most electrical and electronic parameters in industry as per standard case sizes.

Available models

VISTA 212 (Size 2^{1/2"})

VISTA312 (Size 3^{1/2"})

VISTA412 (Size 4^{1/2"})

The range offers AC and DC ammeters, voltmeters and frequency meters utilizing a high torque pivot and jewel movement.

AC moving iron meters also provided 1.5% high accuracy true RMS measurement.

Applications :

- ⊙ Marine
- ⊙ Switchgear
- ⊙ Distribution systems
- ⊙ Control panels
- ⊙ Embedded generation
- ⊙ Energy management
- ⊙ Building management
- ⊙ Utility power monitoring
- ⊙ Process control
- ⊙ Motor monitoring

Features

- ⊙ Measuring and indication of AC amps, volts, frequency & DC signals.
- ⊙ Panel mounting.
- ⊙ High torque pivot and jewel movement.
- ⊙ True RMS measurement meters.
- ⊙ AC and DC inputs.
- ⊙ Up to 50A DC direct connected.
- ⊙ Up to 50A AC direct connected.

Benefits

- ⊙ Moving iron and moving coil mechanisms.
- ⊙ ANSI standard case sizes.
- ⊙ Easy to modify for distributions.

Compliant With

- ⊙ ANSI C39.1

Application Standard

Scale and pointer for electrical measuring instruments.	ANSI C39.1
Terminal bolts	1/4 "UNC" -28
Safety requirements and protective measures for Electrical indicating instruments and their accessories.	IEC 61010-1 DIN 40050 / 8-70 VDE 0110 / 11-72 VDE 0410 / 10-76
Ingress Protection	IP50
Performance specifications for direct acting indicating analogue electrical measuring instruments & their accessories	ANSI C39.1 IEC 60051
UL Combustibility class.	UL 94 V-O
Comply with following European directives 2004 / 108 / EC (EMC directive), 2006/95/EC (low voltage directive) & amendment 93 / 68 / EEC, for CE Marking.	

Operation

Moving Coil Meter

These meters offer a centre cored, self shielding moving coil movement using pivots, hairsprings and sprung jewels. Variations in movement are limited by design. All DC voltmeters are 1000 ohms per volt, moving coil rectified products run at 900 ohms per volt. Millivolt meters use the 5 milliamperes/50mV resistance.

Moving Iron Meter

This clapper type repulsion design utilizes a pivot, hairspring and jewel movement. The bottom jewel is oil filled to provide damping while the top is sprung for resilience. All voltmeters are manufactured with internal voltage dropper resistors.

Frequency Meter

Frequency meters use a 1mA/36 ohm movement driven by an EMC hard frequency conversion circuit.

Dials, Pointers and Scales

Standard dials are matt white black printed scales and a tubular knife-edge black are balanced within 1% of scale length and feature a highly repeatable flattened arc scale shape, ensuring consistently accurate measurement reading. Dials are interchangeable between the challenge range of products using the same input within the published specification of the meter. Options for non standard customer specific dials are available upon request.

212, 312 & 412 Vista Series

Specification

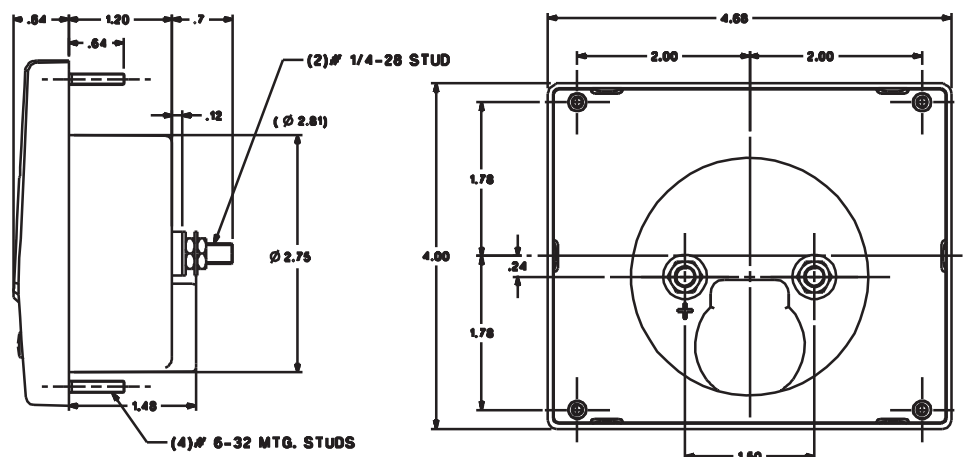
Accuracy	
DC Ammeters and Voltmeters	1.5% 0 to100% of full scale deflection
AC Ammeters and Voltmeters	Moving Iron: 1.5% 10 to100% of full scale deflection
Frequency Meters	0.5% of end scale value
Input Ratings	
DC Moving Coil Ammeters	50uA to 50A
DC Moving Coil Voltmeters	50 mV to 600V
AC Moving Iron Ammeters (EQ)	100mA to 50A
AC Moving Iron Voltmeters (EQ)	6V to 600V
Frequency meters	45-50-55Hz, 55-60-65Hz, 45-55-65Hz
Overload	
Voltmeters	2 times for 0.5 sec : 9 overloads 2 times for 5 sec : 1 overload
Ammeters	10 times for 0.5 sec : 9 overloads
DC Center Zero Voltmeter	10 times for 5 sec : 1 overload
Enclosure	
Movement	High torque pivot and jewel moving coil and moving iron
Scale Balance	Within 1% of scale length
Relative Humidity	25% to 80% nominal range of use
Operating Temperature	0° C to +40° C
Storage Temperature	-20° C to +55° C
Enclosure Code	IP42
Case and Cover	Matt black case UL94V. Polycarbonate cover
Bezel Window	Shatterproof polycarbonate
Fixing	Surface mounting: 4 corner studs, 4-40 UNC (212 & 312) for 412, 6-32 UNC
Terminals	011-8-32 UNC 012-1/4"-28 UNC
Compliant With	
Performance	ANSI C39.1 and IEC 51
Manufacture	UL61010 - B
Scaling	ANSI C39.1
Safety	IEC61010-1 (LVD) and BS EN 61326:(EMC) UL 61010
Vibration	ANSI C39.1 cl. 5.13

VISTA 212 Analog Panel Meter size 2 -1/2"



212, 312 & 412 Vista Series

VISTA412 Analog Panel Meter size 4 -1/2"



Note: All dimension are in inches.

Ordering Information- Only For Representative Products

Vista 212 AC Voltmeter

Part No.	Description	Class
EQ2V-V2AX2AW0000ST	212, 60V AC	CL-1.5
EQ2V-V2CX2AW0000ST	212, 150V AC	CL-1.5
EQ2V-V2DX2AW0000ST	212, 300V AC	CL-1.5
EQ2V-V2EX2AW0000ST	212, 500V AC	CL-1.5

Vista 212 DC Voltmeter

Part No.	Description	Class
PQ2V-V2DL2AW0000ST	212, 10V	CL-1.5
PQ2V-V2EL2AW0000ST	212, 15V	CL-1.5
PQ2V-V2FL2AW0000ST	212, 30V	CL-1.5
PQ2V-V2GL2AW0000ST	212, 50V	CL-1.5

Vista 212 Frequency Meter

Part No.	Description
ZQ2V-46053AW0000ST	45-55-65 Hz, 120V
ZQ2V-46063AW0000ST	45-55-65 Hz, 480V

Vista 212 AC Ammeter

Part No.	Description	Class
EQ2V-I03X2AW0000ST	212, 5A	CL-1.5
EQ2V-I04X2AW0000ST	212, 10A	CL-1.5
EQ2V-I05X2AW0000ST	212, 15A	CL-1.5
EQ2V-I06X2AW0000ST	212, 25A	CL-1.5

Vista 212 DC Ammeter

Part No.	Description	Class
PQ2V-I02L2AW0000ST	212, 1mA	CL-1.5
PQ2V-I04L2AW0000ST	212, 4-20mA	CL-1.5
PQ2V-I06L2AW0000ST	212, 10A	CL-1.5

Part No.	Description
ZQ2V-56053AW0000ST	55-60-65 Hz, 120V
ZQ2V-56063AW0000ST	55-60-65 Hz, 480V

Vista 312 AC Voltmeter

Part No.	Description	Class
EQ3V-V2AX2AW0000ST	312, 60V AC	CL-1.5
EQ3V-V2AX2AW0000ST	312, 150V AC	CL-1.5
EQ3V-V2AX2AW0000ST	312, 300V AC	CL-1.5
EQ3V-V2AX2AW0000ST	312, 500V AC	CL-1.5

Vista 312 DC Voltmeter

Part No.	Description	Class
PQ3V-V2DL2AW0000ST	312, 10V	CL-1.5
PQ3V-V2EL2AW0000ST	312, 15V	CL-1.5
PQ3V-V2FL2AW0000ST	312, 30V	CL-1.5
PQ3V-V2GL2AW0000ST	312, 50V	CL-1.5

Vista 312 Frequency Meter

Part No.	Description
ZQ3V-46053AW0000ST	45-55-65 Hz, 120V
ZQ3V-46063AW0000ST	45-55-65 Hz, 480V

Vista 412 AC Voltmeter

Part No.	Description	Class
EQ4V-V2AX2AW0000ST	412, 60V AC	CL-1.5
EQ4V-V2CX2AW0000ST	412, 150V AC	CL-1.5
EQ4V-V2DX2AW0000ST	412, 300V AC	CL-1.5
EQ4V-V2EX2AW0000ST	412, 500V AC	CL-1.5

Vista 412 DC Voltmeter

Part No.	Description	Class
PQ4V-V2DL2AW0000ST	412, 10V	CL-1.5
PQ4V-V2EL2AW0000ST	412, 15V	CL-1.5
PQ4V-V2FL2AW0000ST	412, 30V	CL-1.5
PQ4V-V2GL2AW0000ST	412, 50V	CL-1.5

Vista 412 Frequency

Part No.	Description
ZQ4V-46053AW0000ST	45-55-65 Hz, 120V
ZQ4V-46063AW0000ST	45-55-65 Hz, 480V

Vista 312 AC Ammeter

Part No.	Description	Class
EQ3V-I03X2AW0000ST	312, 5A	CL-1.5
EQ3V-I04X2AW0000ST	312, 10A	CL-1.5
EQ3V-I05X2AW0000ST	312, 15A	CL-1.5
EQ3V-I06X2AW0000ST	312, 25 A	CL-1.5

Vista 312 DC Ammeter

Part No.	Description	Class
PQ3V-I02L2AW0000ST	312, 1mA	CL-1.5
PQ3V-I04L2AW0000ST	312, 4-20mA	CL-1.5
PQ3V-I06L2AW0000ST	312, 10A	CL-1.5

Part No.	Description
ZQ3V-56053AW0000ST	55-60-65 Hz, 120V
ZQ3V-56063AW0000ST	55-60-65 Hz, 480V

Vista 412 AC Ammeter

Part No.	Description	Class
EQ4V-I03X2AW0000ST	412, 5A	CL-1.5
EQ4V-I04X2AW0000ST	412, 10A	CL-1.5
EQ4V-I05X2AW0000ST	412, 15A	CL-1.5
EQ4V-I06X2AW0000ST	412, 25A	CL-1.5

Vista 412 DC Ammeter

Part No.	Description	Class
PQ4V-I02L2AW0000ST	412, 1mA	CL-1.5
PQ4V-I04L2AW0000ST	412, 4-20mA	CL-1.5
PQ4V-I06L2AW0000ST	412, 10A	CL-1.5

Part No.	Description
ZQ4V-56053AW0000ST	55-60-65 Hz, 120V
ZQ4V-56063AW0000ST	55-60-65 Hz, 480V

For more details and product codes, please contact our local office



sifam tinsley
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Sifam Tinsley Instrumentation Inc.

Analog Panel Meters Coding Table



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DE 144 x 144

Product Code	EQ14-	X	XX	X	X	X	X	X	X	X	XXX
Input Type	Current Meter	I									
	Voltage Meter	V									
Measuring Range	100mA	01									
	150mA	02									
	250mA	03									
	400mA	04									
	600mA	05									
	1A	06									
	1.2A	07									
	2A	08									
	2.5A	09									
	4A	10									
	5A	11									
	6A	12									
	10A	13									
	15A	14									
	20A	15									
	25A	16									
	30A	17									
	40A	18									
	50A	19									
	60A	20									
	1.5A	21									
	3A	22									
	0.5A	23									
	1.25A	24									
	1.4A	25									
	6.25A	26									
	6.5A	27									
	7.5A	28									
	8A	29									
	12A	30									
	14A	31									
	11A	32									
	16A	33									
	1.6A	34									
	6.3A	35									
	13A	36									
	32A	37									
	75A	38									
	100A	39									
	300mA	51									
	1.33A	52									
	80A	53									

Product Code	EQ14-	X	XX	X	X	X	X	X	X	X	XXX
	200mA	54									
	3.75A	55									
	1.66A	56									
	3.75A	57									
	5.71A	58									
	6.66A	59									
	1.375A	60									
	1.143A	61									
	1.3A	62									
	1.67A	63									
	5.625A	64									
	3.5A	65									
	7A	66									
	6V	67									
	10V	68									
	15V	69									
	25V	70									
	40V	71									
	50V	72									
	60V	73									
	75V	74									
	100V	75									
	120V	76									
	132V	77									
	132.5V	78									
	150V	79									
	157.14V	80									
	200V	81									
	230V	82									
	250V	83									
	300V	84									
	400V	85									
	500V	86									
	600V	87									
	30V	88									
	70V	89									
Suppression	X1	1									
	X2	2									
	X3	3									
	X5	5									
	X6	6									
	X4	4									
	NA	X									
Accuracy Class	Class - 1.5%	1									

Product Code	EQ14-	X	XX	X	X	X	X	X	X	X	XXX
	Class - 1.0%	2									
	Class - 0.5%	3									
Front Facia	Normal glass	N									
	Antiglare glass	A									
Protection Class	IP 52	1									
	IP 54	2									
	IP 65	3									
Back Cover	With Back cover	C									
	Without Back cover	B									
Type of dial	Standard Plastic	P									
	Standard Aluminum	A									
	Aluminum with Colour mark	R									
	Aluminium with Dual Scale	D									
	Illumination dial	I									
	Aluminium with colour bands	C									
	Without Dial	X									
	Blank Scale	B									
	Blank Scale with logo	L									
	Triple scale	T									
	Reversible Scale	S									
Color of dial	Black background	B									
	White background	W									
	NA	X									000

Moving Iron DE 48 X 48

Product Code	EQ44-	X	XX	X	X	X	X	X	X	X	XXX
Input Type	Current Meter	I									
	Voltage Meter	V									
Measuring Range	100mA	01									
	150mA	02									
	250mA	03									
	400mA	04									
	600mA	05									
	1A	06									
	1.2A	07									
	2A	08									
	2.5A	09									
	4A	10									
	5A	11									
	6A	12									
	10A	13									
	15A	14									
	20A	15									
	25A	16									

Product Code	EQ44-	X	XX	X	X	X	X	X	X	X	X	XXX
	30A	17										
	40A	18										
	50A	19										
	60A	20										
	1.5A	51										
	3A	52										
	0.5A	53										
	1.25A	54										
	1.4A	55										
	6.25A	56										
	6.5A	57										
	7.5A	58										
	8A	59										
	12A	60										
	14A	61										
	11A	62										
	16A	63										
	1.6A	64										
	6.3A	65										
	13A	66										
	32A	67										
	75A	68										
	100A	69										
	300mA	70										
	1.33A	71										
Suppression	X1	1										
	X2	2										
	X3	3										
	X5	5										
	X6	6										
Accuracy Class	Class - 1.5%	1										
	Class - 1.0%	2										
	Class - 0.5%	3										
Front Facia	Normal glass	N										
	Antiglare glass	A										
	NG with red pointer kit	R										
	AG with red pointer kit	k										
Protection Class	IP 52	1										
	IP 54	2										
	IP 65	3										
Back Cover	With Back cover	C										
	Without Back cover	B										
Type of dial	Standard Plastic	P										
	Standard Aluminum	A										

Product Code	EQ44-	X	XX	X	X	X	X	X	X	X	X	XXX
	Aluminum with Colour mark	R										
	Aluminium with Dual Scale	D										
	Illumination dial	I										
	Aluminium with colour bands	C										
	Without Dial	X										
	Blank Scale	B										
	Blank Scale with logo	L										
	Triple scale	T										
	Reversible Scale	S										
Color of dial	Black background	B										
	White background	W										
	NA	X										000

Moving Iron EQ 72 X 72

Product Code	EQ74-	X	XX	X	X	X	X	X	X	X	X	XXX
Input Type	Current Meter	I										
	Voltage Meter	V										
Measuring Range	100mA	01										
	150mA	02										
	250mA	03										
	400mA	04										
	600mA	05										
	1A	06										
	1.2A	07										
	2A	08										
	2.5A	09										
	4A	10										
	5A	11										
	6A	12										
	10A	13										
	15A	14										
	20A	15										
	25A	16										
	30A	17										
	40A	18										
	50A	19										
	60A	20										
	1.5A	21										
	3A	22										
	0.5A	23										
	1.25A	24										
	1.4A	25										
	6.25A	26										
	6.5A	27										

Product Code	EQ74-	X	XX	X	X	X	X	X	X	X	XXX
	7.5A	28									
	8A	29									
	12A	30									
	14A	31									
	11A	32									
	16A	33									
	1.6A	34									
	6.3A	35									
	13A	36									
	32A	37									
	75A	38									
	100A	39									
	300mA	40									
	1.33A	41									
	80A	42									
	200mA	43									
	3.75A	44									
	1.66A	45									
	3.75A	46									
	5.71A	47									
	6.66A	48									
	1.375A	49									
	1.143A	8A									
	1.3A	8B									
	1.67A	8C									
	5.625A	8D									
	3.5A	8E									
	7A	8F									
	6V	51									
	10V	52									
	15V	53									
	25V	54									
	40V	55									
	50V	56									
	60V	57									
	75V	58									
	100V	59									
	120V	60									
	132V	61									
	132.5V	62									
	150V	63									
	157.14V	64									
	200V	65									
	230V	66									

Product Code	EQ74-	X	XX	X	X	X	X	X	X	X	XXX
	250V	67									
	300V	68									
	400V	69									
	500V	70									
	600V	71									
	30V	72									
	70V	73									
	110V	74									
	125V	75									
	130V	76									
	207.8V	77									
	285.7V	78									
	346V	79									
	115.11V	80									
	115V	81									
	133V	82									
	137.5V	83									
	139.68V	84									
	140V	85									
	167V	86									
	168V	87									
	415V	88									
	800V	89									
	20V	90									
	72.16V	91									
	80V	92									
	116.67V	93									
	121.2V	94									
	133.33V	95									
	139.33V	96									
	165V	97									
	166.66V	98									
	700V	99									
	750V	0A									
	35V	0B									
	114.78V	0C									
	240V	0D									
	380V	0E									
	440V	0F									
	83.33V	0G									
	109.09V	0H									
	113.33V	0J									
	113.63V	0K									
	116.67V	0L									

Product Code	EQ74-	X	XX	X	X	X	X	X	X	X	XXX
	119.56V		0M								
	120.83V		0N								
	126.66V		0P								
	128.33V		0Q								
	133.3V		0R								
	138.29V		0S								
	143.47V		0T								
	144.37V		0U								
	144.7V		0V								
	149.38V		0W								
	152.77V		0X								
	158.65V		0Y								
	159V		0Z								
	160V		1A								
	162.53V		1B								
	220V		1C								
	277.13V		1D								
	127.53V		1E								
	293V		1F								
	360V		1G								
	433V		1H								
	434.57V		1J								
	660V		1K								
	1000V		1L								
	69.6V		1M								
	69.27V		1N								
	72.16V		1P								
	114.8V		1Q								
	119.05V		1R								
	119.57V		1S								
	125.71V		1T								
	126.9V		1U								
	127.5V		1V								
	130.95V		1W								
	136V		1X								
	144V		1Y								
	143.48V		1Z								
	143.7V		2A								
	156.5V		2B								
	157.89V		2C								
	166.6V		2D								
	173.9V		2E								
	183.33V		2F								
	190V		2G								

Product Code	EQ74-	X	XX	X	X	X	X	X	X	X	XXX
	189.5V	2H									
	173.18V	2J									
	249.6V	2K									
	271.3V	2L									
	275V	2M									
	287.5V	2N									
	289.47V	2P									
	180V	2Q									
	350V	2R									
	108.69V	2S									
	111.36V	2T									
	112.5V	2U									
	122.5V	2V									
	124.34V	2W									
	122.22V	2X									
	125.7V	2Y									
	130.90V	2Z									
	144.75V	3A									
	162.5V	3B									
	450V	3C									
	650V	3D									
	115.789V	3E									
	440.58V	3F									
	114.3V	3G									
	176V	3H									
	586.67V	3J									
	72.15V	3K									
	76.96V	3L									
	124.6V	3M									
	146.66V	3N									
	192.5V	3P									
	75.86V	3Q									
	86.59V	3R									
	111.59V	3S									
	116.66V	3T									
	127.02V	3U									
	136.36V	3V									
	144.57V	3W									
	16V	3X									
Suppression	X1	1									
	X2	2									
	X3	3									
	X5	5									
	X6	6									

Product Code	EQ74-	X	XX	X	X	X	X	X	X	X	X	XXX
	X4			4								
	X8			8								
	NA			X								
Accuracy Class	Class - 1.5%				1							
	Class - 1.0%				2							
	Class - 0.5%				3							
Front Facia	Normal glass				N							
	Antiglare glass				A							
	Plastic front Facia				P							
	NG with red pointer kit				R							
	AG with red pointer kit				k							
Protection Class	IP 52					1						
	IP 54					2						
	IP 65					3						
Back Cover	With Back cover						C					
	Without Back cover						B					
	PC terminal cover(black)						T					
	PC Terminal Cover(White)						W					
Type of dial	Standard Plastic							P				
	Standard Aluminum							A				
	Aluminum with Colour mark							R				
	Aluminium with Dual Scale							D				
	Illumination dial							I				
	Aluminium with colour bands							C				
	Without Dial							X				
	Blank Scale							B				
	Blank Scale with logo							L				
Color of dial	Black background								B			
	White background								W			
	NA								X			000

Moving Iron EQ 96 X 96

Product Code	EQ94-	X	XX	X	X	X	X	X	X	X	X	XXX
Input Type	Current Meter	I										
	Voltage Meter	V										
Measuring Range	100mA		01									
	150mA		02									
	250mA		03									
	400mA		04									
	600mA		05									
	1A		06									
	1.2A		07									
	2A		08									
	2.5A		09									

Product Code	EQ94-	X	XX	X	X	X	X	X	X	X	XXX
	4A		10								
	5A		11								
	6A		12								
	10A		13								
	15A		14								
	20A		15								
	25A		16								
	30A		17								
	40A		18								
	50A		19								
	60A		20								
	1.5A		21								
	3A		22								
	0.5A		23								
	1.25A		24								
	1.4A		25								
	6.25A		26								
	6.5A		27								
	7.5A		28								
	8A		29								
	12A		30								
	14A		31								
	11A		32								
	16A		33								
	1.6A		34								
	6.3A		35								
	13A		36								
	32A		37								
	75A		38								
	100A		39								
	300mA		40								
	1.33A		41								
	80A		42								
	200mA		43								
	3.75A		44								
	1.66A		45								
	3.75A		46								
	5.71A		47								
	6.66A		48								
	1.375A		49								
	6.26A		50								
	6V		51								
	10V		52								
	15V		53								

Product Code	EQ94-	X	XX	X	X	X	X	X	X	X	XXX
	25V		54								
	40V		55								
	50V		56								
	60V		57								
	75V		58								
	100V		59								
	120V		60								
	132V		61								
	132.5V		62								
	150V		63								
	157.14V		64								
	200V		65								
	230V		66								
	250V		67								
	300V		68								
	400V		69								
	500V		70								
	600V		71								
	30V		72								
	70V		73								
	110V		74								
	125V		75								
	130V		76								
	207.8V		77								
	285.7V		78								
	346V		79								
	115.11V		80								
	115V		81								
	133V		82								
	137.5V		83								
	139.68V		84								
	140V		85								
	167V		86								
	168V		87								
	415V		88								
	800V		89								
	20V		90								
	72.16V		91								
	80V		92								
	116.67V		93								
	121.2V		94								
	133.33V		95								
	139.33V		96								
	165V		97								

Product Code	EQ94-	X	XX	X	X	X	X	X	X	X	XXX
	166.66V	98									
	700V	99									
	750V	0A									
	35V	0B									
	114.78V	0C									
	240V	0D									
	380V	0E									
	440V	0F									
	83.33V	0G									
	109.09V	0H									
	113.33V	0J									
	113.63V	0K									
	116.67V	0L									
	119.56V	0M									
	120.83V	0N									
	126.66V	0P									
	128.33V	0Q									
	133.3V	0R									
	138.29V	0S									
	143.47V	0T									
	144.37V	0U									
	144.7V	0V									
	149.38V	0W									
	152.77V	0X									
	158.65V	0Y									
	159V	0Z									
	160V	1A									
	162.53V	1B									
	220V	1C									
	277.13V	1D									
	127.53V	1E									
	293V	1F									
	360V	1G									
	433V	1H									
	434.57V	1J									
	660V	1K									
	1000V	1L									
Suppression	X1	1									
	X2	2									
	X3	3									
	X5	5									
	X6	6									
	X4	4									
	X8	8									

Product Code	EQ94-	X	XX	X	X	X	X	X	X	X	X	XXX
	NA	X										
Accuracy Class	Class - 1.5%	1										
	Class - 1.0%	2										
	Class - 0.5%	3										
	Class- 2.5%	4										
Front Facia	Normal glass	N										
	Antiglare glass	A										
	Plastic front Facia	P										
	NG with red pointer kit	R										
	AG with red pointer kit	K										
Protection Class	IP 52	1										
	IP 54	2										
	IP 65	3										
Back Cover	With Back cover	C										
	Without Back cover	B										
	PC terminal cover(black)	T										
Type of dial	Standard Plastic	P										
	Standard Aluminum	A										
	Aluminum with Colour mark	R										
	Aluminium with Dual Scale	D										
	Illumination dial	I										
	Aluminium with colour bands	C										
	Without Dial	X										
	Blank Scale	B										
	Blank Scale with logo	L										
	Triple scale	T										
Color of dial	Black background	B										
	White background	W										
	NA	X										000

Moving Coil PQ 96 X 96

Product Code	PQ94-	X	XX	X	X	X	X	X	X	X	X	XXX
Input Type	Current Meter	I										
	Voltage Meter	V										
Measuring Range	15uA	01										
	25uA	02										
	40 uA	03										
	50 uA	04										
	60 uA	05										
	100 uA	06										
	150 uA	07										
	250 uA	08										
	400 uA	09										
	500 uA	10										

Product Code	PQ94-	X	XX	X	X	X	X	X	X	X	XXX
	600 uA	11									
	1 mA	12									
	1.5 mA	13									
	2.5 mA	14									
	4 mA	15									
	5 mA	16									
	6 mA	17									
	10 mA	18									
	15 mA	19									
	20 mA	20									
	25 mA	21									
	40 mA	22									
	60 mA	23									
	100 mA	24									
	150 mA	25									
	250 mA	26									
	400 mA	27									
	600 mA	28									
	1A	29									
	1.5 A	30									
	2.5 A	31									
	4A	32									
	5A	33									
	6A	34									
	10A	35									
	15 A	36									
	20 A	37									
	25 A	38									
	30 A	39									
	40 A	40									
	60 A	41									
	4-20 mA	42									
	1mA/60mV	44									
	30uA	46									
	50A	47									
	50mA	48									
	200mA	49									
	500mA	50									
	2A	51									
	300mA	52									
	3A	53									
	1.7mA	54									
	2mA	55									
	1.8A	56									

Product Code	PQ94-	X	XX	X	X	X	X	X	X	X	XXX
	75A		57								
	80A		58								
	100A		59								
	12.5A		60								
	7.5A		61								
	1.2A		62								
	8A		63								
	1A&5A		64								
	800mA		65								
	12A		66								
	15 mV		0A								
	25 mV		0B								
	40 mV		0C								
	50 mV		0D								
	60 mV		0E								
	75 mV		0F								
	100 mV		0G								
	150 mV		0H								
	250 mV		0J								
	400 mV		0K								
	600 mV		0L								
	1 V		0M								
	1.5 V		0N								
	2.5 V		0P								
	4 V		0Q								
	6 V		0R								
	10 V		0S								
	15 V		0T								
	25 V		0U								
	30 V		0V								
	40 V		0W								
	50 V		0X								
	60 V		0Y								
	100 V		0Z								
	150 V		1A								
	200 V		1B								
	250 V		1C								
	300 V		1D								
	400 V		1E								
	500 V		1F								
	600 V		1G								
	1000V		1H								
	external		1J								
	shunt		1K								

Product Code	PQ94-	X	XX	X	X	X	X	X	X	X	XXX
	60 mV		1L								
	75 mV		1M								
	150 mV		1N								
	20V		1P								
	24V		1Q								
	2V		1R								
	133mV		1S								
	5V		1T								
	230V		1U								
	10.5V		1V								
	75V		1W								
	110V		1X								
	15mV&150mV		1Y								
	200mV		1Z								
	70V		2A								
	75V		2B								
	750V		2C								
	100V/400uA		2D								
	72mV		2E								
	1.56-0-6.25V		2F								
	3.33-0-13.33V		2G								
	2.5-0-5V		2H								
	5-0-10 V		2I								
	1.4-0-5.6V		2J								
	10.5 V		2K								
	16.66V		2L								
	30mV		2M								
	220V		2N								
	800V		2O								
	75-150V		2P								
	46.88-0-75mV		2Q								
	30-0-75mV		2R								
	29.76-0-75mV		2S								
	48.88-0-75mV		2T								
	11.9-0-75mV		2U								
	14.06-0-75mV		2V								
	9.38-0-75mV		2W								
	15-0-75mV		2X								
	19.05-0-75mV		2Y								
	3.75-0-75mV		2Z								
	90mV		3A								
	166.7mV		3B								
	1.4-0-5.6V		3C								
	18.75-0-75mV		3D								

Product Code	PQ94-	X	XX	X	X	X	X	X	X	X	X	XXX
	23.8-0-75mV	3E										
	26.78-0-75mV	3F										
	37.5-0-75mV	3G										
	59.06-0-75mV	3H										
	60-0-75mV	3I										
	23.44-0-75mV	3J										
	20mV	3K										
	1.6V/3mA	3L										
	1.8V	3M										
	2.25V	3N										
	48V	3P										
	55V	3Q										
	90V	3R										
	350V	3S										
	520V	3T										
	700V	3U										
	3V	3V										
	125V	3W										
Zero Position	Left Zero	L										
	Right Zero	R										
	Center Zero	C										
	Suppressed Zero	S										
	Floating zero	F										
	Shifted zero	H										
Accuracy Class	Class - 1.5	1										
	Class - 1.0	2										
	Class 0.5	3										
	Class 2.5	4										
Front Facia	Normal glass	N										
	Antiglare glass	A										
	NG with red pointer kit	R										
	AG with red pointer kit	K										
	Plastic front facia(PC)	P										
Protection Class	IP 52	1										
	IP 54	2										
	IP 65	3										
Back Cover	With Back cover	C										
	Without Back cover	B										
	PC terminal cover blk	T										
Type of dial	Standard Plastic	P										
	Standard Aluminum	A										
	Aluminum with Colour mark	R										
	Illumination Dial	I										
	Aluminium with colour bands	C										

Product Code	PQ94-	X	XX	X	X	X	X	X	X	X	X	XXX
	Without Dial									X		
	Blank Scale									B		
	Blank Scale with logo									L		
	Alluminium with dual scale									D		
	Tripple scale									T		
Color of dial	Black background									B		000
	White background									W		
	NA									X		

Moving Coil PQ 48 X 48

Product Code	PQ44-	X	XX	X	X	X	X	X	X	X	X	XXX
Input Type	Current Meter	I										
	Voltage Meter	V										
Measuring Range	15uA	01										
	25uA	02										
	40 uA	03										
	50 uA	04										
	60 uA	05										
	100 uA	06										
	150 uA	07										
	250 uA	08										
	400 uA	09										
	500 uA	10										
	600 uA	11										
	1 mA	12										
	1.5 mA	13										
	2.5 mA	14										
	4 mA	15										
	5 mA	16										
	6 mA	17										
	10 mA	18										
	15 mA	19										
	20 mA	20										
	25 mA	21										
	40 mA	22										
	60 mA	23										
	100 mA	24										
	150 mA	25										
	250 mA	26										
	400 mA	27										
	600 mA	28										
	1A	29										
	1.5 A	30										
	2. 5 A	31										

Product Code	PQ44-	X	XX	X	X	X	X	X	X	X	XXX
	4A		32								
	5A		33								
	6A		34								
	10A		35								
	15 A		36								
	20 A		37								
	25 A		38								
	30 A		39								
	40 A		40								
	60 A		41								
	4-20 mA		42								
	1mA/60mV		44								
	15 mV		0A								
	25 mV		0B								
	40 mV		0C								
	50 mV		0D								
	60 mV		0E								
	75 mV		0F								
	100 mV		0G								
	150 mV		0H								
	250 mV		0J								
	400 mV		0K								
	600 mV		0L								
	1 V		0M								
	1.5 V		0N								
	2.5 V		0P								
	4 V		0Q								
	6 V		0R								
	10 V		0S								
	15 V		0T								
	25 V		0U								
	30 V		0V								
	40 V		0W								
	50 V		0X								
	60 V		0Y								
	100 V		0Z								
	150 V		1A								
	200 V		1B								
	250 V		1C								
	300 V		1D								
	400 V		1E								
	500 V		1F								
	600 V		1G								
	1000V		1H								

Product Code	PQ44-	X	XX	X	X	X	X	X	X	X	X	XXX
	external	1J										
	shunt	1K										
	60 mV	1L										
	75 mV	1M										
	150 mV	1N										
	20V	1P										
	24V	1Q										
	2V	1R										
	50 V	0X										
	60 V	0Y										
	100 V	0Z										
	150 V	1A										
	200 V	1B										
	250 V	1C										
	300 V	1D										
	400 V	1E										
	500 V	1F										
	600 V	1G										
	1000V	1H										
	external	1J										
	shunt	1K										
	60 mV	1L										
	75 mV	1M										
	150 mV	1N										
	20V	1P										
	24V	1Q										
	2V	1R										
Zero Position	Left Zero		L									
	Right Zero		R									
	Center Zero		C									
	Suppressed Zero		S									
Accuracy Class	Class - 1.5			1								
	Class - 1.0			2								
	Class 0.5			3								
	Class 2.5			4								
Front Facia	Normal glass				N							
	Antiglare glass				A							
	NG with red pointer kit				R							
	AG with red pointer kit				K							
Protection Class	IP 52					1						
	IP 54					2						
	IP 65					3						
Back Cover	With Back cover							C				
	Without Back cover							B				

Product Code	PQ44-	X	XX	X	X	X	X	X	X	X	X	XXX
Type of dial	Standard Plastic									P		
	Standard Aluminum									A		
	Aluminum with Colour mark									R		
	Illumination Dial									I		
	Aluminium with colour bands									C		
	Without Dial									X		
	Blank Scale									B		
	Blank Scale with logo									L		
Color of dial	Black background									B		
	White background									W		
	NA									X		000

Moving Coil PQ 72X 72

Product Code	PQ74-	X	XX	X	X	X	X	X	X	X	X	XXX
Input Type	Current Meter	I										
	Voltage Meter	V										
Measuring Range	15uA	01										
	25uA	02										
	40 uA	03										
	50 uA	04										
	60 uA	05										
	100 uA	06										
	150 uA	07										
	250 uA	08										
	400 uA	09										
	500 uA	10										
	600 uA	11										
	1 mA	12										
	1.5 mA	13										
	2.5 mA	14										
	4 mA	15										
	5 mA	16										
	6 mA	17										
	10 mA	18										
	15 mA	19										
	20 mA	20										
	25 mA	21										
	40 mA	22										
	60 mA	23										
	100 mA	24										
	150 mA	25										
	250 mA	26										
	400 mA	27										
	600 mA	28										

Product Code	PQ74-	X	XX	X	X	X	X	X	X	X	XXX
	1A		29								
	1.5 A		30								
	2.5 A		31								
	4A		32								
	5A		33								
	6A		34								
	10A		35								
	15 A		36								
	20 A		37								
	25 A		38								
	30 A		39								
	40 A		40								
	60 A		41								
	4-20 mA		42								
	1mA/60mV		44								
	30uA		46								
	50A		47								
	50mA		48								
	200mA		49								
	500mA		50								
	2A		51								
	300mA		52								
	3A		53								
	1.7mA		54								
	2mA		55								
	1.8A		56								
	75A		57								
	80A		58								
	100A		59								
	15 mV		0A								
	25 mV		0B								
	40 mV		0C								
	50 mV		0D								
	60 mV		0E								
	75 mV		0F								
	100 mV		0G								
	150 mV		0H								
	250 mV		0J								
	400 mV		0K								
	600 mV		0L								
	1 V		0M								
	1.5 V		0N								
	2.5 V		0P								
	4 V		0Q								

Product Code	PQ74-	X	XX	X	X	X	X	X	X	X	XXX
	6 V	0R									
	10 V	0S									
	15 V	0T									
	25 V	0U									
	30 V	0V									
	40 V	0W									
	50 V	0X									
	60 V	0Y									
	100 V	0Z									
	150 V	1A									
	200 V	1B									
	250 V	1C									
	300 V	1D									
	400 V	1E									
	500 V	1F									
	600 V	1G									
	1000V	1H									
	external	1J									
	shunt	1K									
	60 mV	1L									
	75 mV	1M									
	150 mV	1N									
	20V	1P									
	24V	1Q									
	2V	1R									
	133mV	1S									
	5V	1T									
	230V	1U									
	10.5V	1V									
	75V	1W									
	110V	1X									
Zero Position	Left Zero	L									
	Right Zero	R									
	Center Zero	C									
	Suppressed Zero	S									
	Floating zero	F									
Accuracy Class	Class - 1.5	1									
	Class - 1.0	2									
	Class 0.5	3									
	Class 2.5	4									
Front Facia	Normal glass	N									
	Antiglare glass	A									
	NG with red pointer kit	R									
	AG with red pointer kit	K									

Product Code	PQ74-	X	XX	X	X	X	X	X	X	X	XXX
	Plastic front facia(PC)	P									
Protection Class	IP 52	1									
	IP 54	2									
	IP 65	3									
Back Cover	With Back cover	C									
	Without Back cover	B									
Type of dial	Standard Plastic	P									
	Standard Aluminum	A									
	Aluminum with Colour mark	R									
	Illumination Dial	I									
	Aluminium with colour bands	C									
	Without Dial	X									
	Blank Scale	B									
	Blank Scale with logo	L									
	Alluminium with dual scale	D									
Color of dial	Black background	B									
	White background	W									
	NA	X									000

Moving Coil PQ 144 X 144

Product Code	PQ14-	X	XX	X	X	X	X	X	X	X	XXX
Input Type	Current Meter	I									
	Voltage Meter	V									
Measuring Range	15uA	01									
	25uA	02									
	40 uA	03									
	50 uA	04									
	60 uA	05									
	100 uA	06									
	150 uA	07									
	250 uA	08									
	400 uA	09									
	500 uA	10									
	600 uA	11									
	1 mA	12									
	1.5 mA	13									
	2.5 mA	14									
	4 mA	15									
	5 mA	16									
	6 mA	17									
	10 mA	18									
	15 mA	19									
	20 mA	20									
	25 mA	21									

Product Code	PQ14-	X	XX	X	X	X	X	X	X	X	XXX
	40 mA	22									
	60 mA	23									
	100 mA	24									
	150 mA	25									
	250 mA	26									
	400 mA	27									
	600 mA	28									
	1A	29									
	1.5 A	30									
	2.5 A	31									
	4A	32									
	5A	33									
	6A	34									
	10A	35									
	15 A	36									
	20 A	37									
	25 A	38									
	30 A	39									
	40 A	40									
	60 A	41									
	4-20 mA	42									
	1mA/60mV	44									
	30uA	46									
	50A	47									
	50mA	48									
	200mA	49									
	500mA	50									
	2A	51									
	300mA	52									
	3A	53									
	1.7mA	54									
	2mA	55									
	1.8A	56									
	75A	57									
	80A	58									
	100A	59									
	12.5A	60									
	7.5A	61									
	1.2A	62									
	8A	63									
	1A&5A	64									
	800mA	65									
	12A	66									
	480uA	67									

Product Code	PQ14-	X	XX	X	X	X	X	X	X	X	XXX
	4-24.24mA		68								
	4-25.82mA		69								
	4-23.394mA		70								
	4-22.22mA		71								
	75mA		72								
	15 mV		0A								
	25 mV		0B								
	40 mV		0C								
	50 mV		0D								
	60 mV		0E								
	75 mV		0F								
	100 mV		0G								
	150 mV		0H								
	250 mV		0J								
	400 mV		0K								
	600 mV		0L								
	1 V		0M								
	1.5 V		0N								
	2.5 V		0P								
	4 V		0Q								
	6 V		0R								
	10 V		0S								
	15 V		0T								
	25 V		0U								
	30 V		0V								
	40 V		0W								
	50 V		0X								
	60 V		0Y								
	100 V		0Z								
	150 V		1A								
	200 V		1B								
	250 V		1C								
	300 V		1D								
	400 V		1E								
	500 V		1F								
	600 V		1G								
	1000V		1H								
	external		1J								
	shunt		1K								
	60 mV		1L								
	75 mV		1M								
	150 mV		1N								
	20V		1P								
	24V		1Q								

Product Code	PQ14-	X	XX	X	X	X	X	X	X	X	XXX
	2V		1R								
	133mV		1S								
	5V		1T								
	230V		1U								
	10.5V		1V								
	75V		1W								
	110V		1X								
	15mV&150mV		1Y								
	200mV		1Z								
	70V		2A								
	75V		2B								
	750V		2C								
	100V/400uA		2D								
	72mV		2E								
	1.56-0-6.25V		2F								
	3.33-0-13.33V		2G								
	2.5-0-5V		2H								
	5-0-10 V		2I								
	1.4-0-5.6V		2J								
	10.5 V		2K								
	16.66V		2L								
	30mV		2M								
	220V		2N								
	800V		2O								
	75-150V		2P								
	46.88-0-75mV		2Q								
	30-0-75mV		2R								
	29.76-0-75mV		2S								
	48.88-0-75mV		2T								
	11.9-0-75mV		2U								
	14.06-0-75mV		2V								
	9.38-0-75mV		2W								
	15-0-75mV		2X								
	19.05-0-75mV		2Y								
	3.75-0-75mV		2Z								
	90mV		3A								
	166.7mV		3B								
	1.4-0-5.6V		3C								
	18.75-0-75mV		3D								
	23.8-0-75mV		3E								
	26.78-0-75mV		3F								
	37.5-0-75mV		3G								
	59.06-0-75mV		3H								
	60-0-75mV		3I								

Product Code	PQ14-	X	XX	X	X	X	X	X	X	X	X	XXX
	23.44-0-75mV	3J										
	20mV	3K										
Zero Position	Left Zero	L										
	Right Zero	R										
	Center Zero	C										
	Suppressed Zero	S										
	Floating zero	F										
Accuracy Class	Class - 1.5	1										
	Class - 1.0	2										
	Class 0.5	3										
	Class 2.5	4										
Front Facia	Normal glass	N										
	Antiglare glass	A										
	NG with red pointer kit	R										
	AG with red pointer kit	K										
	Plastic front facia(PC)	P										
Protection Class	IP 52	1										
	IP 54	2										
	IP 65	3										
Back Cover	With Back cover	C										
	Without Back cover	B										
	PC terminal cover blk	T										
Type of dial	Standard Plastic	P										
	Standard Aluminum	A										
	Aluminum with Colour mark	R										
	Illumination Dial	I										
	Aluminium with colour bands	C										
	Without Dial	X										
	Blank Scale	B										
	Blank Scale with logo	L										
	Alluminium with dual scale	D										
	Tripple scale	T										
Color of dial	Black background	B										
	White background	W										
	NA	X										000

Moving Coil Meters with Rectifiers VQ 96 X 96

Product Code	VQ94-	X	XX	X	X	X	X	X	X	X	XXX
Input Type	Current Meter	I									
	Voltage Meter	V									
Measuring Range	15uA	01									
	25uA	02									
	40 uA	03									
	50 uA	04									
	60 uA	05									
	100 uA	06									
	150 uA	07									
	250 uA	08									
	400 uA	09									
	500 uA	10									
	600 uA	11									
	1 mA	12									
	1.5 mA	13									
	2.5 mA	14									
	4 mA	15									
	5 mA	16									
	6 mA	17									
	10 mA	18									
	15 mA	19									
	20 mA	20									
	25 mA	21									
	40 mA	22									
	60 mA	23									
	100 mA	24									
	150 mA	25									
	250 mA	26									
	400 mA	27									
	600 mA	28									
	1A	29									
	1.5 A	30									
	2.5 A	31									
	4A	32									
	5A	33									
	6A	34									
	10A	35									
	15 A	36									
	20 A	37									
	25 A	38									
	30 A	39									
	40 A	40									
	60 A	41									
	4-20 mA	42									

Product Code	VQ94-	X	XX	X	X	X	X	X	X	X	XXX
	1mA/60mV	44									
	30uA	46									
	50A	47									
	50mA	48									
	200mA	49									
	500mA	50									
	2A	51									
	300mA	52									
	3A	53									
	1.7mA	54									
	2mA	55									
	1.8A	56									
	75A	57									
	80A	58									
	100A	59									
	12.5A	60									
	7.5A	61									
	1.2A	62									
	8A	63									
	1A&5A	64									
	800mA	65									
	12A	66									
	90uA	66									
	32A	67									
	1.22A	68									
	15 mV	0A									
	25 mV	0B									
	40 mV	0C									
	50 mV	0D									
	60 mV	0E									
	75 mV	0F									
	100 mV	0G									
	150 mV	0H									
	250 mV	0J									
	400 mV	0K									
	600 mV	0L									
	1 V	0M									
	1.5 V	0N									
	2.5 V	0P									
	4 V	0Q									
	6 V	0R									
	10 V	0S									
	15 V	0T									
	25 V	0U									

Product Code	VQ94-	X	XX	X	X	X	X	X	X	X	XXX
	30 V		0V								
	40 V		0W								
	50 V		0X								
	60 V		0Y								
	100 V		0Z								
	150 V		1A								
	200 V		1B								
	250 V		1C								
	300 V		1D								
	400 V		1E								
	500 V		1F								
	600 V		1G								
	1000V		1H								
	external		1J								
	shunt		1K								
	60 mV		1L								
	75 mV		1M								
	150 mV		1N								
	20V		1P								
	24V		1Q								
	2V		1R								
	133mV		1S								
	5V		1T								
	230V		1U								
	10.5V		1V								
	75V		1W								
	110V		1X								
	15mV&150mV		1Y								
	200mV		1Z								
	70V		2A								
	75V		2B								
	750V		2C								
	100V/400uA		2D								
	72mV		2E								
	1.56-0-6.25V		2F								
	3.33-0-13.33V		2G								
	2.5-0-5V		2H								
	5-0-10 V		2I								
	1.4-0-5.6V		2J								
	10.5 V		2K								
	16.66V		2L								
	30mV		2M								
	220V		2N								
	800V		2O								

Product Code	VQ94-	X	XX	X	X	X	X	X	X	X	XXX
	75-150V	2P									
	46.88-0-75mV	2Q									
	30-0-75mV	2R									
	29.76-0-75mV	2S									
	48.88-0-75mV	2T									
	11.9-0-75mV	2U									
	14.06-0-75mV	2V									
	9.38-0-75mV	2W									
	15-0-75mV	2X									
	19.05-0-75mV	2Y									
	3.75-0-75mV	2Z									
	90mV	3A									
	166.7mV	3B									
	1.4-0-5.6V	3C									
	18.75-0-75mV	3D									
	23.8-0-75mV	3E									
	26.78-0-75mV	3F									
	37.5-0-75mV	3G									
	59.06-0-75mV	3H									
	60-0-75mV	3I									
	23.44-0-75mV	3J									
	20mV	3K									
	1.6V/3mA	3L									
	1.8V	3M									
	2.25V	3N									
	48V	3P									
	55V	3Q									
	90V	3R									
	350V	3S									
	520V	3T									
	700V	3U									
	3V	3V									
	125V	3W									
	8V	3X									
	9V	3Y									
	165V	3Z									
	33V	4A									
Zero Position	Left Zero	L									
	Right Zero	R									
	Center Zero	C									
	Suppressed Zero	S									
	Floating zero	F									
Accuracy Class	Class - 1.5	1									
	Class - 1.0	2									

Product Code	VQ94-	X	XX	X	X	X	X	X	X	X	XXX
	Class 0.5	3									
	Class 2.5	4									
Front Facia	Normal glass	N									
	Antiglare glass	A									
	NG with red pointer kit	R									
	AG with red pointer kit	K									
	Plastic front facia(PC)	P									
Protection Class	IP 52	1									
	IP 54	2									
	IP 65	3									
Back Cover	With Back cover	C									
	Without Back cover	B									
	PC terminal cover blk	T									
Type of dial	Standard Plastic	P									
	Standard Aluminum	A									
	Aluminum with Colour mark	R									
	Illumination Dial	I									
	Aluminium with colour bands	C									
	Without Dial	X									
	Blank Scale	B									
	Blank Scale with logo	L									
	Alluminium with dual scale	D									
Color of dial	Black background	B									
	White background	W									
	NA	X									000

Moving Coil Meters with Rectifiers VQ 72 X 72

Product Code	VQ74-	X	XX	X	X	X	X	X	X	X	XXX
Input Type	Current Meter	I									
	Voltage Meter	V									
Measuring Range	15uA	01									
	25uA	02									
	40 uA	03									
	50 uA	04									
	60 uA	05									
	100 uA	06									
	150 uA	07									
	250 uA	08									
	400 uA	09									
	500 uA	10									
	600 uA	11									
	1 mA	12									
	1.5 mA	13									
	2.5 mA	14									

Product Code	VQ74-	X	XX	X	X	X	X	X	X	X	XXX
	4 mA	15									
	5 mA	16									
	6 mA	17									
	10 mA	18									
	15 mA	19									
	20 mA	20									
	25 mA	21									
	40 mA	22									
	60 mA	23									
	100 mA	24									
	150 mA	25									
	250 mA	26									
	400 mA	27									
	600 mA	28									
	1A	29									
	1.5 A	30									
	2.5 A	31									
	4A	32									
	5A	33									
	6A	34									
	10A	35									
	15 A	36									
	20 A	37									
	25 A	38									
	30 A	39									
	40 A	40									
	60 A	41									
	4-20 mA	42									
	1mA/60mV	44									
	30uA	46									
	50A	47									
	50mA	48									
	200mA	49									
	500mA	50									
	2A	51									
	300mA	52									
	3A	53									
	1.7mA	54									
	2mA	55									
	1.8A	56									
	75A	57									
	80A	58									
	100A	59									
	15 mV	0A									

Product Code	VQ74-	X	XX	X	X	X	X	X	X	X	XXX
	25 mV		0B								
	40 mV		0C								
	50 mV		0D								
	60 mV		0E								
	75 mV		0F								
	100 mV		0G								
	150 mV		0H								
	250 mV		0J								
	400 mV		0K								
	600 mV		0L								
	1 V		0M								
	1.5 V		0N								
	2.5 V		0P								
	4 V		0Q								
	6 V		0R								
	10 V		0S								
	15 V		0T								
	25 V		0U								
	30 V		0V								
	40 V		0W								
	50 V		0X								
	60 V		0Y								
	100 V		0Z								
	150 V		1A								
	200 V		1B								
	250 V		1C								
	300 V		1D								
	400 V		1E								
	500 V		1F								
	600 V		1G								
	1000V		1H								
	external		1J								
	shunt		1K								
	60 mV		1L								
	75 mV		1M								
	150 mV		1N								
	20V		1P								
	24V		1Q								
	2V		1R								
	133mV		1S								
	5V		1T								
	230V		1U								
	10.5V		1V								
Zero Position	Left Zero			L							

Product Code	VQ74-	X	XX	X	X	X	X	X	X	X	X	XXX
	Right Zero	R										
	Center Zero	C										
	Suppressed Zero	S										
	Floating zero	F										
Accuracy Class	Class - 1.5	1										
	Class - 1.0	2										
	Class 0.5	3										
	Class 2.5	4										
Front Facia	Normal glass	N										
	Antiglare glass	A										
	NG with red pointer kit	R										
	AG with red pointer kit	K										
	Plastic front facia(PC)	P										
Protection Class	IP 52	1										
	IP 54	2										
	IP 65	3										
Back Cover	With Back cover	C										
	Without Back cover	B										
Type of dial	Standard Plastic	P										
	Standard Aluminum	A										
	Aluminum with Colour mark	R										
	Illumination Dial	I										
	Aluminium with colour bands	C										
	Without Dial	X										
	Blank Scale	B										
	Blank Scale with logo	L										
	Alluminium with dual scale	D										
Color of dial	Black background	B										
	White background	W										
	NA	X										000

Moving Coil Meters with Rectifiers VQ 48 X 48

Product Code	VQ44-	X	XX	X	X	X	X	X	X	X	XXX
Input Type	Current Meter	I									
	Voltage Meter	V									
Measuring Range	15uA	01									
	25uA	02									
	40 uA	03									
	50 uA	04									
	60 uA	05									
	100 uA	06									
	150 uA	07									
	250 uA	08									
	400 uA	09									

Product Code	VQ44-	X	XX	X	X	X	X	X	X	X	XXX
	500 uA		10								
	600 uA		11								
	1 mA		12								
	1.5 mA		13								
	2.5 mA		14								
	4 mA		15								
	5 mA		16								
	6 mA		17								
	10 mA		18								
	15 mA		19								
	20 mA		20								
	25 mA		21								
	40 mA		22								
	60 mA		23								
	100 mA		24								
	150 mA		25								
	250 mA		26								
	400 mA		27								
	600 mA		28								
	1A		29								
	1.5 A		30								
	2.5 A		31								
	4A		32								
	5A		33								
	6A		34								
	10A		35								
	15 A		36								
	20 A		37								
	25 A		38								
	30 A		39								
	40 A		40								
	60 A		41								
	4-20 mA		42								
	1mA/60mV		44								
	15 mV		0A								
	25 mV		0B								
	40 mV		0C								
	50 mV		0D								
	60 mV		0E								
	75 mV		0F								
	100 mV		0G								
	150 mV		0H								
	250 mV		0J								
	400 mV		0K								

Product Code	VQ44-	X	XX	X	X	X	X	X	X	X	XXX
	600 mV	0L									
	1 V	0M									
	1.5 V	0N									
	2.5 V	0P									
	4 V	0Q									
	6 V	0R									
	10 V	0S									
	15 V	0T									
	25 V	0U									
	30 V	0V									
	40 V	0W									
	50 V	0X									
	60 V	0Y									
	100 V	0Z									
	150 V	1A									
	200 V	1B									
	250 V	1C									
	300 V	1D									
	400 V	1E									
	500 V	1F									
	600 V	1G									
	1000V	1H									
	external	1J									
	shunt	1K									
	60 mV	1L									
	75 mV	1M									
	150 mV	1N									
	20V	1P									
	24V	1Q									
	2V	1R									
Zero Position	Left Zero	L									
	Right Zero	R									
	Center Zero	C									
	Suppressed Zero	S									
Accuracy Class	Class - 1.5	1									
	Class - 1.0	2									
	Class 0.5	3									
	Class 2.5	4									
Front Facia	Normal glass	N									
	Antiglare glass	A									
	NG with red pointer kit	R									
	AG with red pointer kit	K									
Protection Class	IP 52	1									
	IP 54	2									

Product Code	VQ44-	X	XX	X	X	X	X	X	X	X	X	XXX
	IP 65											
Back Cover	With Back cover									C		
	Without Back cover									B		
Type of dial	Standard Plastic									P		
	Standard Aluminum									A		
	Aluminum with Colour mark									R		
	Illumination Dial									I		
	Aluminium with colour bands									C		
	Without Dial									X		
	Blank Scale									B		
	Blank Scale with logo									L		
Color of dial	Black background									B		
	White background									W		
	NA									X		000

Moving Coil Meters with Rectifiers VQ 144X 144

Product Code	VQ14-	X	XX	X	X	X	X	X	X	X	X	XXX
Input Type	Current Meter	I										
	Voltage Meter	V										
Measuring Range	15uA	01										
	25uA	02										
	40 uA	03										
	50 uA	04										
	60 uA	05										
	100 uA	06										
	150 uA	07										
	250 uA	08										
	400 uA	09										
	500 uA	10										
	600 uA	11										
	1 mA	12										
	1.5 mA	13										
	2.5 mA	14										
	4 mA	15										
	5 mA	16										
	6 mA	17										
	10 mA	18										
	15 mA	19										
	20 mA	20										
	25 mA	21										
	40 mA	22										
	60 mA	23										
	100 mA	24										
	150 mA	25										

Product Code	VQ14-	X	XX	X	X	X	X	X	X	X	XXX
	250 mA	26									
	400 mA	27									
	600 mA	28									
	1A	29									
	1.5 A	30									
	2.5 A	31									
	4A	32									
	5A	33									
	6A	34									
	10A	35									
	15 A	36									
	20 A	37									
	25 A	38									
	30 A	39									
	40 A	40									
	60 A	41									
	4-20 mA	42									
	1mA/60mV	44									
	30uA	46									
	50A	47									
	50mA	48									
	200mA	49									
	500mA	50									
	2A	51									
	300mA	52									
	3A	53									
	1.7mA	54									
	2mA	55									
	1.8A	56									
	75A	57									
	80A	58									
	100A	59									
	12.5A	60									
	7.5A	61									
	1.2A	62									
	8A	63									
	1A&5A	64									
	800mA	65									
	12A	66									
	90uA	66									
	32A	67									
	1.22A	68									
	30mA	69									
	15 mV	0A									

Product Code	VQ14-	X	XX	X	X	X	X	X	X	X	XXX
	25 mV		0B								
	40 mV		0C								
	50 mV		0D								
	60 mV		0E								
	75 mV		0F								
	100 mV		0G								
	150 mV		0H								
	250 mV		0J								
	400 mV		0K								
	600 mV		0L								
	1 V		0M								
	1.5 V		0N								
	2.5 V		0P								
	4 V		0Q								
	6 V		0R								
	10 V		0S								
	15 V		0T								
	25 V		0U								
	30 V		0V								
	40 V		0W								
	50 V		0X								
	60 V		0Y								
	100 V		0Z								
	150 V		1A								
	200 V		1B								
	250 V		1C								
	300 V		1D								
	400 V		1E								
	500 V		1F								
	600 V		1G								
	1000V		1H								
	external		1J								
	shunt		1K								
	60 mV		1L								
	75 mV		1M								
	150 mV		1N								
	20V		1P								
	24V		1Q								
	2V		1R								
	133mV		1S								
	5V		1T								
	230V		1U								
	10.5V		1V								
	75V		1W								

Product Code	VQ14-	X	XX	X	X	X	X	X	X	X	XXX
	110V		1X								
	15mV&150mV		1Y								
	200mV		1Z								
	70V		2A								
	75V		2B								
	750V		2C								
	100V/400uA		2D								
	72mV		2E								
	1.56-0-6.25V		2F								
	3.33-0-13.33V		2G								
	2.5-0-5V		2H								
	5-0-10 V		2I								
	1.4-0-5.6V		2J								
	10.5 V		2K								
	16.66V		2L								
	30mV		2M								
	220V		2N								
	800V		2O								
	75-150V		2P								
	46.88-0-75mV		2Q								
	30-0-75mV		2R								
	29.76-0-75mV		2S								
	48.88-0-75mV		2T								
	11.9-0-75mV		2U								
	14.06-0-75mV		2V								
	9.38-0-75mV		2W								
	15-0-75mV		2X								
	19.05-0-75mV		2Y								
	3.75-0-75mV		2Z								
	90mV		3A								
	166.7mV		3B								
	1.4-0-5.6V		3C								
	18.75-0-75mV		3D								
	23.8-0-75mV		3E								
	26.78-0-75mV		3F								
	37.5-0-75mV		3G								
	59.06-0-75mV		3H								
	60-0-75mV		3I								
	23.44-0-75mV		3J								
	20mV		3K								
	1.6V/3mA		3L								
	1.8V		3M								
	2.25V		3N								
	48V		3P								

Product Code	VQ14-	X	XX	X	X	X	X	X	X	X	X	XXX
	55V	3Q										
	90V	3R										
	350V	3S										
	520V	3T										
	700V	3U										
	3V	3V										
	125V	3W										
	8V	3X										
	9V	3Y										
	165V	3Z										
	33V	4A										
	157.89V	4B										
	165V	4C										
	200-250V	4D										
	95-125V	4E										
	90-130V	4F										
	66.65-133.3V	4G										
	100-120V	4H										
	120V	4J										
	160V	4K										
	132.5V	4L										
Zero Position	Left Zero	L										
	Right Zero	R										
	Center Zero	C										
	Suppressed Zero	S										
	Floating zero	F										
Accuracy Class	Class - 1.5	1										
	Class - 1.0	2										
	Class 0.5	3										
	Class 2.5	4										
Front Facia	Normal glass	N										
	Antiglare glass	A										
	NG with red pointer kit	R										
	AG with red pointer kit	K										
	Plastic front facia(PC)	P										
Protection Class	IP 52	1										
	IP 54	2										
	IP 65	3										
Back Cover	With Back cover	C										
	Without Back cover	B										
	PC terminal cover blk	T										
Type of dial	Standard Plastic	P										
	Standard Aluminum	A										
	Aluminum with Colour mark	R										

Product Code	VQ14-	X	XX	X	X	X	X	X	X	X	X	XXX
	Illumination Dial										I	
	Aluminium with colour bands										C	
	Without Dial										X	
	Blank Scale										B	
	Blank Scale with logo										L	
	Alluminium with dual scale										D	
Color of dial	Black background										B	000
	White background										W	
	NA										X	

Power Factor Meter CQ 96X 96

Product Code	CQ94-	X	XX	X	X	X	X	X	X	X	X	XXX
Power Factor	0.5-1-0.5	5										
	0.8-1-0.8	8										
	0.4-1-0.4	4										
	0.8-1-0.3	3										
Voltage/ Current Range	63.5V 1A	1A										
	100V 1A	1B										
	110V 1A	1C										
	230V 1A	1D										
	240V 1A	1E										
	380V 1A	1F										
	400V 1A	1G										
	415V 1A	1H										
	440V 1A	1J										
	450V 1A	1K										
	500V 1A	1L										
	100-130V 1A	1M										
	380-400V 1A	1N										
	380-450V 1A	1P										
	100V 5A	5A										
	110V 5A	5B										
	120V 5A	5C										
	130V 5A	5D										
	220V 5A	5E										
	230V 5A	5F										
	240V 5A	5G										
	250V 5A	5H										
	380V 5A	5J										
	400V 5A	5K										
	415V 5A	5L										
	440V 5A	5M										
	500V 5A	5N										
	525V 5A	5P										

Product Code	CQ94-	X	XX	X	X	X	X	X	X	X	XXX
	100-130V 5A	5Q									
	200-250V 5A	5R									
	380-400V 5A	5S									
	380-440V 5A	5T									
	380-450V 5A	5U									
	415-440V 5A	5V									
System Type	Single Phase	S									
	3PH 3W balanced	T									
	3PH 3W unbalanced	D									
	3PH 4W unbalanced	V									
Accuracy Class	Class - 1.5	1									
	Class - 1.0	2									
Front Facia	Normal glass	N									
	Antiglare glass	A									
Protection Class	IP 52	1									
	IP 54	2									
	IP 65	3									
Back Cover	With Back cover	C									
	Without Back cover	B									
	PC terminal cover blk	T									
Type of dial	Standard Plastic	P									
	Standard Aluminum	A									
	Aluminum with Colour mark	R									
	Aluminium with colour bands	C									
	Without Dial	X									
	Blank Scale	B									
	Blank Scale with logo	L									
Color of dial	Black background	B									
	White background	W									
	NA	X									

000

Power Factor Meter CQ 144X 144

Product Code	CQ14-	X	XX	X	X	X	X	X	X	X	XXX
Power Factor	0.5-1-0.5	5									
	0.8-1-0.8	8									
	0.4-1-0.4	4									
	0.8-1-0.3	3									
Voltage/ Current Range	63.5V 1A	1A									
	100V 1A	1B									
	110V 1A	1C									
	230V 1A	1D									
	240V 1A	1E									
	380V 1A	1F									
	400V 1A	1G									

Product Code	CQ14-	X	XX	X	X	X	X	X	X	X	XXX
	415V 1A	1H									
	440V 1A	1J									
	450V 1A	1K									
	500V 1A	1L									
	100-130V 1A	1M									
	380-400V 1A	1N									
	380-450V 1A	1P									
	100V 5A	5A									
	110V 5A	5B									
	120V 5A	5C									
	130V 5A	5D									
	220V 5A	5E									
	230V 5A	5F									
	240V 5A	5G									
	250V 5A	5H									
	380V 5A	5J									
	400V 5A	5K									
	415V 5A	5L									
	440V 5A	5M									
	500V 5A	5N									
	525V 5A	5P									
	100-130V 5A	5Q									
	200-250V 5A	5R									
	380-400V 5A	5S									
	380-440V 5A	5T									
	380-450V 5A	5U									
	415-440V 5A	5V									
	115V 5A	5W									
System Type	Single Phase	S									
	3PH 3W balanced	T									
	3PH 3W unbalanced	D									
	3PH 4W unbalanced	V									
Accuracy Class	Class - 1.5	1									
	Class - 1.0	2									
Front Facia	Normal glass	N									
	Antiglare glass	A									
Protection Class	IP 52	1									
	IP 54	2									
	IP 65	3									
Back Cover	With Back cover	C									
	Without Back cover	B									
	PC terminal cover blk	T									
Type of dial	Standard Plastic	P									
	Standard Aluminum	A									

Product Code	CQ14-	X	XX	X	X	X	X	X	X	X	XXX
	Aluminum with Colour mark	R									
	Aluminium with colour bands	C									
	Without Dial	X									
	Blank Scale	B									
	Blank Scale with logo	L									
Color of dial	Black background	B									000
	White background	W									
	NA	X									

Power Factor Meter CQ 72X 72

Product Code	CQ74-	X	XX	X	X	X	X	X	X	X	X	XXX
Power Factor	0.5-1-0.5	5										
	0.8-1-0.8	8										
	0.4-1-0.4	4										
	0.8-1-0.3	3										
Voltage/ Current Range	63.5V 1A	1A										
	100V 1A	1B										
	110V 1A	1C										
	230V 1A	1D										
	240V 1A	1E										
	380V 1A	1F										
	400V 1A	1G										
	415V 1A	1H										
	440V 1A	1J										
	450V 1A	1K										
	500V 1A	1L										
	100-130V 1A	1M										
	380-400V 1A	1N										
	380-450V 1A	1P										
	380-415V 1A	1Q										
	100V 5A	5A										
	110V 5A	5B										
	120V 5A	5C										
	130V 5A	5D										
	220V 5A	5E										
	230V 5A	5F										
	240V 5A	5G										
	250V 5A	5H										
	380V 5A	5J										
	400V 5A	5K										
	415V 5A	5L										
	440V 5A	5M										
	500V 5A	5N										
	525V 5A	5P										

Product Code	CQ74-	X	XX	X	X	X	X	X	X	X	XXX
	100-130V 5A	5Q									
	200-250V 5A	5R									
	380-400V 5A	5S									
	380-440V 5A	5T									
	380-450V 5A	5U									
	415-440V 5A	5V									
	380-415V 5A	5W									
System Type	3PH 3W balanced	T									
Accuracy Class	Class - 1.5	1									
Front Facia	Normal glass	N									
	Antiglare glass	A									
Protection Class	IP 52	1									
	IP 54	2									
	IP 65	3									
Back Cover	With Back cover	C									
	Without Back cover	B									
	PC terminal cover blk	T									
Type of dial	Standard Plastic	P									
	Standard Aluminum	A									
	Aluminum with Colour mark	R									
	Aluminium with colour bands	C									
	Without Dial	X									
	Blank Scale	B									
	Blank Scale with logo	L									
Color of dial	Black background	B									
	White background	W									
	NA	X									000

Active/Reactive Power Meter WQ 96X 96

Product Code	WQ94-	X	XX	X	X	X	X	X	X	X	XXX
System Type	E1W	A									
	D1W	B									
	V1W	C									
	D2W	D									
	V3W	E									
	E1B	F									
	D1B	G									
	V1B	H									
	D2B	J									
	V3B	K									
Voltage/ Current Range	63.5V1A	1A									
	100V1A	1B									
	110V1A	1C									
	120V1A	1D									

Product Code	WQ94-	X	XX	X	X	X	X	X	X	X	XXX
	125V1A	1E									
	208V1A	1F									
	220V1A	1G									
	230V1A	1H									
	240V1A	1J									
	380V1A	1K									
	400V1A	1L									
	415V1A	1M									
	440V1A	1N									
	450V1A	1P									
	460V1A	1Q									
	480V1A	1R									
	500V1A	1S									
	300V1A	1T									
	63.5V5A	5A									
	100V5A	5B									
	110V5A	5C									
	120V5A	5D									
	125V5A	5E									
	208V5A	5F									
	220V5A	5G									
	230V5A	5H									
	240V5A	5J									
	380V5A	5K									
	400V5A	5L									
	415V5A	5M									
	440V5A	5N									
	450V5A	5P									
	460V5A	5Q									
	480V5A	5R									
	500V5A	5S									
	300V5A	5T									
Zero Position	Left Zero L	L									
	Center Zero C	C									
	Shifted Zero S	S									
Accuracy Class	Class - 1.5	1									
	Class 1	2									
Front Facia	Normal glass NG	N									
	Antiglare glass	A									
Protection Class	IP 52	1									
	IP 54	2									
	IP 65	3									
Type of dial	Standard Plastic	P									
	Standard Aluminum	A									

Product Code	WQ94-	X	XX	X	X	X	X	X	X	X	X	XXX
	Aluminum with Colour mark	R										
	Aluminium with colour bands	C										
	Without Dial	X										
	Blank Scale	B										
	Blank Scale with logo	L										
Color of dial	Black background	B										
	White background	W										
	NA	X										
Lambada	0.30-0.55										1	
	0.56-0.60										2	
	0.61-0.67										3	
	0.68-0.74										4	
	0.75-0.82										5	
	0.83-0.91										6	
	0.92-1.01										7	
	1.02-1.12										8	
	1.13-1.50										9	000

Active/Reactive Power Meter WQ 144X 144

Product Code	WQ14-	X	XX	X	X	X	X	X	X	X	X	XXX
System Type	E1W	A										
	D1W	B										
	V1W	C										
	D2W	D										
	V3W	E										
	E1B	F										
	D1B	G										
	V1B	H										
	D2B	J										
	V3B	K										
Voltage/ Current Range	63.5V1A	1A										
	100V1A	1B										
	110V1A	1C										
	120V1A	1D										
	125V1A	1E										
	208V1A	1F										
	220V1A	1G										
	230V1A	1H										
	240V1A	1J										
	380V1A	1K										
	400V1A	1L										
	415V1A	1M										
	440V1A	1N										
	450V1A	1P										

Product Code	WQ14-	X	XX	X	X	X	X	X	X	X	X	XXX
	460V1A	1Q										
	480V1A	1R										
	500V1A	1S										
	300V1A	1T										
	63.5V5A	5A										
	100V5A	5B										
	110V5A	5C										
	120V5A	5D										
	125V5A	5E										
	208V5A	5F										
	220V5A	5G										
	230V5A	5H										
	240V5A	5J										
	380V5A	5K										
	400V5A	5L										
	415V5A	5M										
	440V5A	5N										
	450V5A	5P										
	460V5A	5Q										
	480V5A	5R										
	500V5A	5S										
	300V5A	5T										
Zero Position	Left Zero L	L										
	Center Zero C	C										
	Shifted Zero S	S										
Accuracy Class	Class - 1.5	1										
	Class 1.0 1%	2										
Front Facia	Normal glass NG	N										
	Antiglare glass	A										
Protection Class	IP 52	1										
	IP 54	2										
	IP 65	3										
Type of dial	Standard Plastic	P										
	Standard Aluminum	A										
	Aluminum with Colour mark	R										
	Dual Scale DS	D										
	Aluminium with colour bands	C										
	Without Dial	X										
	Blank Scale	B										
	Blank Scale with logo	L										
Color of dial	Black background	B										
	White background	W										
	NA	X										

Product Code	WQ14-	X	XX	X	X	X	X	X	X	X	XXX
Lambada	0.30-0.55										1
	0.56-0.60										2
	0.61-0.67										3
	0.68-0.74										4
	0.75-0.82										5
	0.83-0.91										6
	0.92-1.01										7
	1.02-1.12										8
	1.13-1.50										9
											000

Frequency Meter Vibrating Reed Type FQ 96X 96

Product Code	FQ94-	X	XX	X	X	X	X	X	XXXXX
Frequency	47-50-53Hz	47							
	45-50-55Hz	45							
	45-60-65Hz	46							
	55-60-65Hz	56							
	57-60-63Hz	2F							
Voltage Range	100V	01							
	110V	02							
	220V	03							
	230V	04							
	240V	05							
	380V	06							
	400V	07							
	415V	08							
	440V	09							
	500V	10							
	100-110V	11							
	100-110 DualV	12							
	110-220 Dual V	13							
	115-460 DualV	14							
	220-380 Dual V	15							
	240-415 DualV	16							
	380-440 DualV	17							
Accuracy Class	Class 0.5		S						
Front Facia	Normal glass			N					
Terminal Cover	NA				X				
Type of dial	Standard Aluminum					A			
	Aluminum with Colour mark					R			
	Aluminium with colour bands					C			
	Without Dial					X			
	Blank Scale					B			
Color of dial	White Background						W		00000

Frequency Meter Vibrating Reed Type FQ 72X 72

Product Code	FQ74-	X	XX	X	X	X	X	X	XXXXX
Frequency	47-50-53Hz	47							
	45-50-55Hz	45							
	45-60-65Hz	46							
	55-60-65Hz	56							
	57-60-63Hz	2F							
Voltage Range	100V	01							
	110V	02							
	220V	03							
	230V	04							
	240V	05							
	380V	06							
	400V	07							
	415V	08							
	440V	09							
	500V	10							
	100-110V	11							
	100-110 DualV	12							
	110-220 Dual V	13							
	115-460 DualV	14							
	220-380 Dual V	15							
	240-415 DualV	16							
	380-440 DualV	17							
Accuracy Class	Class 0.5		S						
Front Facia	Normal glass			N					
Terminal Cover	NA				X				
Type of dial	Standard Aluminum						A		
	Aluminum with Colour mark						R		
	Aluminium with colour bands						C		
	Without Dial						X		
	Blank Scale						B		
Color of dial	White Background							W	00000

Pointer Frequency Meter ZQ 96X 96

Product Code	ZQ94-	X	XX	X	X	X	X	X	XXXX
Frequency	45-55-65Hz	46							
	55-60-65Hz	56							
	45-50-55Hz	45							
	360-400-440Hz	34							
	35-50-65Hz	36							
	380-400-420Hz	38							
	47-50-53Hz	47							
	340-400-460Hz	2A							
	48-50-52Hz	2B							
	46-50-54Hz	2C							

Product Code	ZQ94-	X	XX	X	X	X	X	X	X	XXXX
	25-60Hz	2D								
	50-60-70Hz	2E								
	57-60-63Hz	2F								
Voltage Range	7.7V	01								
	63.5V	02								
	66.39V	03								
	87V	04								
	100V	05								
	110V	06								
	115V	07								
	120V	08								
	127V	09								
	190V	10								
	208V	11								
	220V	12								
	230V	13								
	240V	14								
	277V	15								
	289V	16								
	380V	17								
	400V	18								
	415V	19								
	440V	20								
	480V	21								
	500V	22								
	380-440V	23								
	200-250V	24								
	100-130V	25								
	100-125V	26								
	110-130V	27								
	208-277V	28								
	110-125V	29								
	380-500V	30								
	220-440V	31								
	240-440V	32								
	240-415V	33								
	460-600V	34								
	100-120V	35								
	220-250V	36								
	110-220 DualV	37								
	240-415 DualV	38								
	220-380 DualV	39								
	220-440 DualV	40								
	240-440 DualV	41								

Product Code	ZQ94-	X	XX	X	X	X	X	X	X	XXXX
	110-240 DualV	42								
	415-110 DualV	43								
	240-440 DualV	44								
Accuracy Class	Class - 1.5	1								
	Class - 1.0	2								
	Class 0.5	3								
Front Facia	Normal glass	N								
	Antiglare glass	A								
	NG with red pointer kit	R								
	AG with red pointer kit	K								
Protection Class	IP 52	1								
	IP 54	2								
Cover	With Back cover	C								
	Without Back cover	B								
	Terminal cover Blk	T								
Type of Dial	Standard Plastic	P								
	Standard Aluminum	A								
	Aluminum with Colour mark	R								
	Alluminium with dual scale	D								
	Aluminium with colour bands	C								
	Without Dial	X								
	Blank Scale	B								
	Blank Scale with logo	L								
Colour of Dial	Black background	B								
	White background	W								
	NA	X								
										0000

Pointer Frequency Meter ZQ 72X 72

Product Code	ZQ74-	X	XX	X	X	X	X	X	X	XXXX
Frequency	45-55-65Hz	46								
	55-60-65Hz	56								
	45-50-55Hz	45								
	360-400-440Hz	34								
	35-50-65Hz	36								
	380-400-420Hz	38								
	47-50-53Hz	47								
	340-400-460Hz	2A								
	48-50-52Hz	2B								
	46-50-54Hz	2C								
	25-60Hz	2D								
	50-60-70Hz	2E								
	57-60-63Hz	2F								
Voltage Range	7.7V	01								
	63.5V	02								

Product Code	ZQ74-	X	XX	X	X	X	X	X	X	XXXX
	66.39V	03								
	87V	04								
	100V	05								
	110V	06								
	115V	07								
	120V	08								
	127V	09								
	190V	10								
	208V	11								
	220V	12								
	230V	13								
	240V	14								
	277V	15								
	289V	16								
	380V	17								
	400V	18								
	415V	19								
	440V	20								
	480V	21								
	500V	22								
	380-440V	23								
	200-250V	24								
	100-130V	25								
	100-125V	26								
	110-130V	27								
	208-277V	28								
	110-125V	29								
	380-500V	30								
	220-440V	31								
	240-440V	32								
	240-415V	33								
	460-600V	34								
	100-120V	35								
	220-250V	36								
	110-220 DualV	37								
	240-415 DualV	38								
	220-380 DualV	39								
	220-440 DualV	40								
	240-440 DualV	41								
	110-240 DualV	42								
	415-110 DualV	43								
	240-440 DualV	44								
Accuracy Class	Class - 1.5	1								
	Class - 1.0	2								

Product Code	ZQ74-	X	XX	X	X	X	X	X	X	XXXX
	Class 0.5	3								
Front Facia	Normal glass	N								
	Antiglare glass	A								
	NG with red pointer kit	R								
	AG with red pointer kit	K								
Protection Class	IP 52	1								
	IP 54	2								
Cover	With Back cover	C								
	Without Back cover	B								
	Terminal cover Blk	T								
Type of Dial	Standard Plastic	P								
	Standard Aluminum	A								
	Aluminum with Colour mark	R								
	Alluminium with dual scale	D								
	Aluminium with colour bands	C								
	Without Dial	X								
	Blank Scale	B								
	Blank Scale with logo	L								
Colour of Dial	Black background	B								
	White background	W								
	NA	X								0000

Pointer Frequency Meter ZQ 144X 144

Product Code	ZQ14-	X	XX	X	X	X	X	X	X	XXXX
Frequency	45-55-65Hz	46								
	55-60-65Hz	56								
	45-50-55Hz	45								
	360-400-440Hz	34								
	35-50-65Hz	36								
	380-400-420Hz	38								
	47-50-53Hz	47								
	340-400-460Hz	2A								
	48-50-52Hz	2B								
	46-50-54Hz	2C								
	25-60Hz	2D								
	50-60-70Hz	2E								
	57-60-63Hz	2F								
Voltage Range	7.7V	01								
	63.5V	02								
	66.39V	03								
	87V	04								
	100V	05								
	110V	06								
	115V	07								

Product Code	ZQ14-	X	XX	X	X	X	X	X	X	XXXX
	120V	08								
	127V	09								
	190V	10								
	208V	11								
	220V	12								
	230V	13								
	240V	14								
	277V	15								
	289V	16								
	380V	17								
	400V	18								
	415V	19								
	440V	20								
	480V	21								
	500V	22								
	380-440V	23								
	200-250V	24								
	100-130V	25								
	100-125V	26								
	110-130V	27								
	208-277V	28								
	110-125V	29								
	380-500V	30								
	220-440V	31								
	240-440V	32								
	240-415V	33								
	460-600V	34								
	100-120V	35								
	220-250V	36								
	110-220 DualV	37								
	240-415 DualV	38								
	220-380 DualV	39								
	220-440 DualV	40								
	240-440 DualV	41								
	110-240 DualV	42								
	415-110 DualV	43								
	240-440 DualV	44								
Accuracy Class	Class - 1.5	1								
	Class - 1.0	2								
	Class 0.5	3								
Front Facia	Normal glass	N								
	Antiglare glass	A								
	NG with red pointer kit	R								
	AG with red pointer kit	K								

Product Code	ZQ14-	X	XX	X	X	X	X	X	X	XXXX
Protection Class	IP 52	1								
	IP 54	2								
Cover	With Back cover	C								
	Without Back cover	B								
	Terminal cover Blk	T								
Type of Dial	Standard Plastic	P								
	Standard Aluminum	A								
	Aluminum with Colour mark	R								
	Alluminium with dual scale	D								
	Aluminium with colour bands	C								
	Without Dial	X								
	Blank Scale	B								
	Blank Scale with logo	L								
Colour of Dial	Black background	B								
	White background	W								
	NA	X								0000

Pointer Frequency Meter ZQ 48X 48

Product Code	ZQ44-	X	XX	X	X	X	X	X	X	XXXX
Frequency	45-55-65Hz	46								
	55-60-65Hz	56								
	45-50-55Hz	45								
	360-400-440Hz	34								
	35-50-65Hz	36								
	380-400-420Hz	38								
	47-50-53Hz	47								
	340-400-460Hz	2A								
	48-50-52Hz	2B								
	46-50-54Hz	2C								
	25-60Hz	2D								
	50-60-70Hz	2E								
	57-60-63Hz	2F								
Voltage Range	7.7V	01								
	63.5V	02								
	66.39V	03								
	87V	04								
	100V	05								
	110V	06								
	115V	07								
	120V	08								
	127V	09								
	190V	10								
	208V	11								
	220V	12								

Product Code	ZQ44-	X	XX	X	X	X	X	X	X	XXXX
	230V	13								
	240V	14								
	277V	15								
	289V	16								
	380V	17								
	400V	18								
	415V	19								
	440V	20								
	480V	21								
	500V	22								
	380-440V	23								
	200-250V	24								
	100-130V	25								
	100-125V	26								
	110-130V	27								
	208-277V	28								
	110-125V	29								
	380-500V	30								
	220-440V	31								
	240-440V	32								
	240-415V	33								
	460-600V	34								
	100-120V	35								
	220-250V	36								
	110-220 DualV	37								
	240-415 DualV	38								
	220-380 DualV	39								
	220-440 DualV	40								
	240-440 DualV	41								
	110-240 DualV	42								
	415-110 DualV	43								
	240-440 DualV	44								
Accuracy Class	Class - 1.5	1								
	Class - 1.0	2								
	Class 0.5	3								
Front Facia	Normal glass	N								
	Antiglare glass	A								
	NG with red pointer kit	R								
	AG with red pointer kit	K								
Protection Class	IP 52	1								
	IP 54	2								
Cover	With Back cover	C								
	Without Back cover	B								
	Terminal cover Blk	T								

Product Code	ZQ44-	X	XX	X	X	X	X	X	X	X	XXXX
Type of Dial	Standard Plastic								P		
	Standard Aluminum								A		
	Aluminum with Colour mark								R		
	Aluminium with colour bands								C		
	Without Dial								X		
	Blank Scale								B		
	Blank Scale with logo								L		
Colour of Dial	Black background								B		
	White background								W		
	NA								X		0000

Moving Coil PL 48X 48

Product Code	PL44-	X	XX	X	X	X	X	X	X	X	XXX
Input Type	Current Meter	I									
	Voltage Meter	V									
Measuring Range	45uA	01									
	100uA	02									
	400uA	03									
	500uA	04									
	0.5mA	05									
	1mA	06									
	1.2mA	07									
	5mA	08									
	6mA	09									
	10mA	10									
	12mA	11									
	15mA	12									
	20mA	13									
	22.727mA	14									
	22.73mA	15									
	24.24mA	16									
	30mA	17									
	40mA	18									
	50mA	19									
	100mA	20									
	200mA	21									
	300mA	22									
	400mA	23									
	4-20mA	24									
	0.1-0-1mA	25									
	4-20.15mA	26									
	4-20.55mA	27									
	1A	28									
	1.5A	29									

Product Code	PL44-	X	XX	X	X	X	X	X	X	X	XXX
	2A		30								
	2.5A		31								
	4A		32								
	5A		33								
	6A		34								
	10A		35								
	15A		36								
	20A		37								
	25A		38								
	30A		39								
	40A		40								
	50A		41								
	60A		42								
	30mV		3A								
	50mV		3B								
	60mV		3C								
	72mV		3D								
	75mV		3E								
	100mV		3F								
	150mV		3G								
	300mV		3H								
	1V		3J								
	2.5V		3K								
	2.8V		3L								
	3V		3M								
	4V		3N								
	5V		3P								
	6V		3Q								
	7.5V		3R								
	8.207V		3S								
	9V		3T								
	10V		3U								
	10.5V		3V								
	15V		3W								
	24V		3X								
	27V		3Y								
	30V		3Z								
	40V		4A								
	45.41V		4B								
	50V		4C								
	60V		4D								
	75V		4E								
	100V		4F								
	150V		4G								

Product Code	PL44-	X	XX	X	X	X	X	X	X	X	X	XXX
	200V	4H										
	250V	4J										
	300V	4K										
	350V	4L										
	400V	4M										
	415V	4N										
	500V	4P										
	600V	4Q										
	700V	4R										
	750V	4S										
	800V	4T										
	8V	4U										
Zero Position	Left Zero	L										
	Center Zero	C										
	Suppressed Zero	S										
	Shifted Zero	H										
Accuracy Class	Class - 1.5	1										
	Class - 1.0	2										
	Class 0.5	3										
	Class 2.5	4										
Front Facia	Normal glass	N										
	Antiglare glass	A										
	NG with red pointer kit	R										
	AG with red pointer kit	K										
Protection Class	IP 52	1										
	IP 54	2										
	IP 65	3										
Back Cover	With Back cover	C										
	Without Back cover	B										
	PC terminal cover blk	T										
Type of dial	Standard Plastic	P										
	Standard Aluminum	A										
	Aluminum with Colour mark	R										
	With Dual Scale	D										
	Illumination dial	I										
	Aluminium with colour bands	C										
	Without Dial	X										
	Blank Scale	B										
	Blank Scale with logo	L										
	Plastic Blank scale	S										
	Tripple Scale	T										
Color of dial	Black Background	B										
	White background	W										
	NA	X										000

Moving Coil PL 96 X 96

Product Code	PL94-	X	XX	X	X	X	X	X	X	X	XXX
Input Type	Current Meter	I									
	Voltage Meter	V									
Measuring Range	45uA	01									
	100uA	02									
	400uA	03									
	500uA	04									
	0.5mA	05									
	1mA	06									
	1.2mA	07									
	5mA	08									
	6mA	09									
	10mA	10									
	12mA	11									
	15mA	12									
	20mA	13									
	22.727mA	14									
	22.73mA	15									
	24.24mA	16									
	30mA	17									
	40mA	18									
	50mA	19									
	100mA	20									
	200mA	21									
	300mA	22									
	400mA	23									
	4-20mA	24									
	0.1-0-1mA	25									
	4-20.15mA	26									
	4-20.55mA	27									
	1A	28									
	1.5A	29									
	2A	30									
	2.5A	31									
	4A	32									
	5A	33									
	6A	34									
	10A	35									
	15A	36									
	20A	37									
	25A	38									
	30A	39									
	40A	40									
	50A	41									

Product Code	PL94-	X	XX	X	X	X	X	X	X	X	XXX
	60A		42								
	30mV		3A								
	50mV		3B								
	60mV		3C								
	72mV		3D								
	75mV		3E								
	100mV		3F								
	150mV		3G								
	300mV		3H								
	1V		3J								
	2.5V		3K								
	2.8V		3L								
	3V		3M								
	4V		3N								
	5V		3P								
	6V		3Q								
	7.5V		3R								
	8.207V		3S								
	9V		3T								
	10V		3U								
	10.5V		3V								
	15V		3W								
	24V		3X								
	27V		3Y								
	30V		3Z								
	40V		4A								
	45.41V		4B								
	50V		4C								
	60V		4D								
	75V		4E								
	100V		4F								
	150V		4G								
	200V		4H								
	250V		4J								
	300V		4K								
	350V		4L								
	400V		4M								
	415V		4N								
	500V		4P								
	600V		4Q								
	700V		4R								
	750V		4S								
	800V		4T								
	8V		4U								

Product Code	PL94-	X	XX	X	X	X	X	X	X	X	X	XXX
Zero Position	Left Zero	L										
	Center Zero	C										
	Suppressed Zero	S										
	Shifted Zero	H										
	Electronic Floating Zero	F										
Accuracy Class	Class - 1.5	1										
	Class - 1.0	2										
	Class 0.5	3										
Front Facia	Normal glass	N										
	Antiglare glass	A										
	NG with red pointer kit	R										
	AG with red pointer kit	K										
Protection Class	IP 52	1										
	IP 54	2										
	IP 65	3										
Back Cover	With Back cover	C										
	Without Back cover	B										
	PC terminal cover blk	T										
Type of dial	Standard Plastic	P										
	Standard Aluminum	A										
	Aluminum with Colour mark	R										
	With Dual Scale	D										
	Illumination dial	I										
	Aluminium with colour bands	C										
	Without Dial	X										
	Blank Scale	B										
	Blank Scale with logo	L										
	Plastic Blank scale	S										
	Tripple Scale	T										
Color of dial	Black Background	B										
	White background	W										
	NA	X										000

Moving Coil PL 72 X 72

Product Code	PL74-	X	XX	X	X	X	X	X	X	X	XXX
Input Type	Current Meter	I									
	Voltage Meter	V									
Measuring Range	45uA	01									
	100uA	02									
	400uA	03									
	500uA	04									
	0.5mA	05									
	1mA	06									
	1.2mA	07									

Product Code	PL74-	X	XX	X	X	X	X	X	X	X	XXX
	5mA		08								
	6mA		09								
	10mA		10								
	12mA		11								
	15mA		12								
	20mA		13								
	22.727mA		14								
	22.73mA		15								
	24.24mA		16								
	30mA		17								
	40mA		18								
	50mA		19								
	100mA		20								
	200mA		21								
	300mA		22								
	400mA		23								
	4-20mA		24								
	0.1-0-1mA		25								
	4-20.15mA		26								
	4-20.55mA		27								
	1A		28								
	1.5A		29								
	2A		30								
	2.5A		31								
	4A		32								
	5A		33								
	6A		34								
	10A		35								
	15A		36								
	20A		37								
	25A		38								
	30A		39								
	40A		40								
	50A		41								
	60A		42								
	30mV		3A								
	50mV		3B								
	60mV		3C								
	72mV		3D								
	75mV		3E								
	100mV		3F								
	150mV		3G								
	300mV		3H								
	1V		3J								

Product Code	PL74-	X	XX	X	X	X	X	X	X	X	XXX
	2.5V	3K									
	2.8V	3L									
	3V	3M									
	4V	3N									
	5V	3P									
	6V	3Q									
	7.5V	3R									
	8.207V	3S									
	9V	3T									
	10V	3U									
	10.5V	3V									
	15V	3W									
	24V	3X									
	27V	3Y									
	30V	3Z									
	40V	4A									
	45.41V	4B									
	50V	4C									
	60V	4D									
	75V	4E									
	100V	4F									
	150V	4G									
	200V	4H									
	250V	4J									
	300V	4K									
	350V	4L									
	400V	4M									
	415V	4N									
	500V	4P									
	600V	4Q									
	700V	4R									
	750V	4S									
	800V	4T									
Zero Position	Left Zero	L									
	Center Zero	C									
	Suppressed Zero	S									
	Shifted Zero	H									
Accuracy Class	Class - 1.5	1									
	Class - 1.0	2									
	Class 0.5	3									
Front Facia	Normal glass	N									
	Antiglare glass	A									
	NG with red pointer kit	R									
	AG with red pointer kit	K									

Product Code	PL74-	X	XX	X	X	X	X	X	X	X	X	XXX
Protection Class	IP 52											
	IP 54											
	IP 65											
Back Cover	With Back cover									C		
	Without Back cover									B		
Type of dial	Standard Plastic									P		
	Standard Aluminum									A		
	Aluminum with Colour mark									R		
	With Dual Scale									D		
	Illumination dial									I		
	Aluminium with colour bands									C		
	Without Dial									X		
	Blank Scale									B		
	Blank Scale with logo									L		
Color of dial	Black Background										B	
	White background										W	
	NA										X	000

Moving Coil PL 144 X 144

Product Code	PL14-	X	XX	X	X	X	X	X	X	X	X	XXX
Input Type	Current Meter	I										
	Voltage Meter	V										
Measuring Range	45uA	01										
	100uA	02										
	400uA	03										
	500uA	04										
	0.5mA	05										
	1mA	06										
	1.2mA	07										
	5mA	08										
	6mA	09										
	10mA	10										
	12mA	11										
	15mA	12										
	20mA	13										
	22.727mA	14										
	22.73mA	15										
	24.24mA	16										
	30mA	17										
	40mA	18										
	50mA	19										
	100mA	20										
	200mA	21										
	300mA	22										

Product Code	PL14-	X	XX	X	X	X	X	X	X	X	XXX
	400mA		23								
	4-20mA		24								
	0.1-0-1mA		25								
	4-20.15mA		26								
	4-20.55mA		27								
	1A		28								
	1.5A		29								
	2A		30								
	2.5A		31								
	4A		32								
	5A		33								
	6A		34								
	10A		35								
	15A		36								
	20A		37								
	25A		38								
	30A		39								
	40A		40								
	50A		41								
	60A		42								
	30mV		3A								
	50mV		3B								
	60mV		3C								
	72mV		3D								
	75mV		3E								
	100mV		3F								
	150mV		3G								
	300mV		3H								
	1V		3J								
	2.5V		3K								
	2.8V		3L								
	3V		3M								
	4V		3N								
	5V		3P								
	6V		3Q								
	7.5V		3R								
	8.207V		3S								
	9V		3T								
	10V		3U								
	10.5V		3V								
	15V		3W								
	24V		3X								
	27V		3Y								
	30V		3Z								

Product Code	PL14-	X	XX	X	X	X	X	X	X	X	X	XXX
	40V	4A										
	45.41V	4B										
	50V	4C										
	60V	4D										
	75V	4E										
	100V	4F										
	150V	4G										
	200V	4H										
	250V	4J										
	300V	4K										
	350V	4L										
	400V	4M										
	415V	4N										
	500V	4P										
	600V	4Q										
	700V	4R										
	750V	4S										
	800V	4T										
	8V	4U										
Zero Position	Left Zero	L										
	Center Zero	C										
	Suppressed Zero	S										
	Shifted Zero	H										
	Electronic Floating Zero	F										
Accuracy Class	Class- 1.5	1										
	Class - 1.0	2										
	Class 0.5	3										
Front Facia	Normal glass	N										
	Antiglare glass	A										
	NG with red pointer kit	R										
	AG with red pointer kit	K										
Protection Class	IP 52	1										
	IP 54	2										
	IP 65	3										
Back Cover	With Back cover	C										
	Without Back cover	B										
	With PC terminal Cover	T										
Type of dial	Standard Plastic	P										
	Standard Aluminum	A										
	Aluminum with Colour mark	R										
	With Dual Scale	D										
	Illumination dial	I										
	Aluminium with colour bands	C										
	Without Dial	X										

Product Code	PL14-	X	XX	X	X	X	X	X	X	X	X	XXX
	Blank Scale										B	
	Blank Scale with logo										L	
	Plastic Blank scale										S	
	Tripple Scale										T	
Color of dial	Black Background										B	000
	White background										W	
	NA										X	

Power Factor Meter CL 96X 96

Product Code	CL94-	X	XX	X	X	X	X	X	X	X	X	XXX
Power Factor	0.5-1-0.5	5										
	0.8-1-0.8	8										
	0.4-1-0.4	4										
	0.8-1-0.3	3										
Voltage/ Current Range	63.5V 1A	1A										
	100V 1A	1B										
	110V 1A	1C										
	230V 1A	1D										
	240V 1A	1E										
	380V 1A	1F										
	400V 1A	1G										
	415V 1A	1H										
	440V 1A	1J										
	450V 1A	1K										
	500V 1A	1L										
	100-130V 1A	1M										
	380-400V 1A	1N										
	380-450V 1A	1P										
	100V 5A	5A										
	110V 5A	5B										
	120V 5A	5C										
	130V 5A	5D										
	220V 5A	5E										
	230V 5A	5F										
	240V 5A	5G										
	250V 5A	5H										
	380V 5A	5J										
	400V 5A	5K										
	415V 5A	5L										
	440V 5A	5M										
	500V 5A	5N										
	525V 5A	5P										
	100-130V 5A	5Q										
	200-250V 5A	5R										

Product Code	CL94-	X	XX	X	X	X	X	X	X	X	XXX
	380-400V 5A	5S									
	380-440V 5A	5T									
	380-450V 5A	5U									
	415-440V 5A	5V									
	127V 5A	5W									
	380-415V 5A	5X									
System Type	Single Phase	S									
	3PH 3W balanced	T									
	3PH 3W unbalanced	D									
	3PH 4W unbalanced	V									
Accuracy Class	Class - 1.5	1									
	Class - 1.0	2									
Front Facia	Normal glass	N									
	Antiglare glass	A									
Protection Class	IP 52	1									
	IP 54	2									
	IP 65	3									
Back Cover	With Back cover	C									
	Without Back cover	B									
	PC terminal cover blk	T									
Type of dial	Standard Plastic	P									
	Standard Aluminum	A									
	Aluminum with Colour mark	R									
	Aluminium with colour bands	C									
	Without Dial	X									
	Blank Scale	B									
	Blank Scale with logo	L									
Color of dial	Black background	B									
	White background	W									
	NA	X									

000

Power Factor Meter CL 144X 144

Product Code	CL14-	X	XX	X	X	X	X	X	X	X	XXX
Power Factor	0.5-1-0.5	5									
	0.8-1-0.8	8									
	0.4-1-0.4	4									
	0.8-1-0.3	3									
Voltage/ Current Range	63.5V 1A	1A									
	100V 1A	1B									
	110V 1A	1C									
	230V 1A	1D									
	240V 1A	1E									
	380V 1A	1F									
	400V 1A	1G									

Product Code	CL14-	X	XX	X	X	X	X	X	X	X	X	XXX
	415V 1A	1H										
	440V 1A	1J										
	450V 1A	1K										
	500V 1A	1L										
	100-130V 1A	1M										
	380-400V 1A	1N										
	380-450V 1A	1P										
	100V 5A	5A										
	110V 5A	5B										
	120V 5A	5C										
	130V 5A	5D										
	220V 5A	5E										
	230V 5A	5F										
	240V 5A	5G										
	250V 5A	5H										
	380V 5A	5J										
	400V 5A	5K										
	415V 5A	5L										
	440V 5A	5M										
	500V 5A	5N										
	525V 5A	5P										
	100-130V 5A	5Q										
	200-250V 5A	5R										
	380-400V 5A	5S										
	380-440V 5A	5T										
	380-450V 5A	5U										
	415-440V 5A	5V										
	127V 5A	5W										
	380-415V 5A	5X										
System Type	Single Phase	S										
	3PH 3W balanced	T										
	3PH 3W unbalanced	D										
	3PH 4W unbalanced	V										
Accuracy Class	Class - 1.5	1										
	Class - 1.0	2										
Front Facia	Normal glass	N										
	Antiglare glass	A										
Protection Class	IP 52	1										
	IP 54	2										
	IP 65	3										
Back Cover	With Back cover	C										
	Without Back cover	B										
	PC terminal cover blk	T										

Product Code	CL14-	X	XX	X	X	X	X	X	X	X	X	XXX
Type of dial	Standard Plastic									P		
	Standard Aluminum									A		
	Aluminum with Colour mark									R		
	Aluminium with colour bands									C		
	Without Dial									X		
	Blank Scale									B		
	Blank Scale with logo									L		
Color of dial	Black background									B		
	White background									W		
	NA									X		000

Active/Reactive Power Meter WL 96X 96

Product Code	WL94-	X	XX	X	X	X	X	X	X	X	X	XXX
System Type	E1W	A										
	D1W	B										
	V1W	C										
	D2W	D										
	V3W	E										
	E1B	F										
	D1B	G										
	V1B	H										
	D2B	J										
	V3B	K										
Voltage/ Current Rat	63.5V1A	1A										
	100V1A	1B										
	110V1A	1C										
	120V1A	1D										
	125V1A	1E										
	208V1A	1F										
	220V1A	1G										
	230V1A	1H										
	240V1A	1J										
	380V1A	1K										
	400V1A	1L										
	415V1A	1M										
	440V1A	1N										
	450V1A	1P										
	460V1A	1Q										
	480V1A	1R										
	500V1A	1S										
	300V1A	1T										
	63.5V5A	5A										
	100V5A	5B										
	110V5A	5C										
	120V5A	5D										

Product Code	WL94-	X	XX	X	X	X	X	X	X	X	X	XXX
	125V5A	5E										
	208V5A	5F										
	220V5A	5G										
	230V5A	5H										
	240V5A	5J										
	380V5A	5K										
	400V5A	5L										
	415V5A	5M										
	440V5A	5N										
	450V5A	5P										
	460V5A	5Q										
	480V5A	5R										
	500V5A	5S										
	300V5A	5T										
Zero Position	Left Zero L	L										
	Center Zero C	C										
	Shifted Zero S	S										
Accuracy Class	Class - 1.5	1										
	Class 1.0 1 %	2										
Front Facia	Normal glass NG	N										
	Antiglare glass	A										
Protection Class	IP 52	1										
	IP 54	2										
	IP 65	3										
Type of dial	Standard Plastic	P										
	Standard Aluminum	A										
	Aluminum with Colour mark	R										
	Dual Scale	D										
	Aluminium with colour bands	C										
	Without Dial	X										
	Blank Scale	B										
	Blank Scale with logo	L										
Color of dial	Black background	B										
	White background	W										
	NA	X										
Lambada	0.30-0.55	1										000
	0.56-0.60	2										
	0.61-0.67	3										
	0.68-0.74	4										
	0.75-0.82	5										
	0.83-0.91	6										
	0.92-1.01	7										
	1.02-1.12	8										
	1.13-1.50	9										

Active/Reactive Power Meter WL 144X 144

Product Code	WL14-	X	XX	X	X	X	X	X	X	X	XXX
System Type	E1W	A									
	D1W	B									
	V1W	C									
	D2W	D									
	V3W	E									
	E1B	F									
	D1B	G									
	V1B	H									
	D2B	J									
	V3B	K									
Voltage/ Current Range	63.5V1A	1A									
	100V1A	1B									
	110V1A	1C									
	120V1A	1D									
	125V1A	1E									
	208V1A	1F									
	220V1A	1G									
	230V1A	1H									
	240V1A	1J									
	380V1A	1K									
	400V1A	1L									
	415V1A	1M									
	440V1A	1N									
	450V1A	1P									
	460V1A	1Q									
	480V1A	1R									
	500V1A	1S									
	300V1A	1T									
	115V1A	1U									
	160V1A	1V									
	63.5V5A	5A									
	100V5A	5B									
	110V5A	5C									
	120V5A	5D									
	125V5A	5E									
	208V5A	5F									
	220V5A	5G									
	230V5A	5H									
	240V5A	5J									
	380V5A	5K									
	400V5A	5L									
	415V5A	5M									
	440V5A	5N									

Product Code	WL14-	X	XX	X	X	X	X	X	X	X	X	XXX
	450V5A	5P										
	460V5A	5Q										
	480V5A	5R										
	500V5A	5S										
	300V5A	5T										
	115V5A	5U										
Zero Position	Left Zero	L										
	Center Zero	C										
	Shifted Zero	S										
Accuracy Class	Class 1.5%	1										
	Class 1.0 1%	2										
Front Facia	Normal glass NG	N										
	Antiglare glass	A										
	Normal Glass NGRSP	R										
Protection Class	IP 52	1										
	IP 54	2										
	IP 65	3										
Type of dial	Standard Plastic	P										
	Standard Aluminum	A										
	Aluminum with Colour mark	R										
	Dual Scale	D										
	Aluminium with colour bands	C										
	Without Dial	X										
	Blank Scale	B										
	Blank Scale with logo	L										
Color of dial	Black background	B										
	White background	W										
	NA	X										
Lambda	0.30-0.55	1										
	0.56-0.60	2										
	0.61-0.67	3										
	0.68-0.74	4										
	0.75-0.82	5										
	0.83-0.91	6										
	0.92-1.01	7										
	1.02-1.12	8										
	1.13-1.50	9										000

Moving Coil Meters with Rectifiers VL 96 X 96

Product Code	VL94-	X	XX	X	X	X	X	X	X	X	XXX
Input Type	Current Meter	I									
	Voltage Meter	V									
Measuring Range	1mA	6A									
	20mA	6B									
	100mA	6C									
	0.952A	6D									
	1A	6E									
	1.08A	6F									
	1.11A	6G									
	1.125A	6H									
	1.15A	6J									
	1.16A	6K									
	1.2A	6L									
	1.25A	6M									
	1.33A	6N									
	1.4A	6P									
	1.5A	6Q									
	2A	6R									
	2.5A	6S									
	3A	6T									
	4A	6U									
	5A	6V									
	5.556A	6W									
	6A	6X									
	6.25A	6Y									
	6.5A	6Z									
	6.66A	7A									
	7.5A	7B									
	8A	7C									
	10A	7D									
	12.5A	7E									
	15A	7F									
	18.75A	7G									
	20A	7H									
	25A	7J									
	1x2A	7K									
	1x3A	7L									
	1x5A	7M									
	1x6A	7N									
	1x8A	7P									
	1.25x6A	7Q									
	2x6A	7R									
	2.5x6A	7S									
	3x6A	7T									

Product Code	VL94-	X	XX	X	X	X	X	X	X	X	XXX
	4x6A		7U								
	5x1.2A		7V								
	5x2A		7W								
	5x4A		7X								
	5x5A		7Y								
	5x6A		7Z								
	10x6A		8A								
	15x6A		8B								
	20x6A		8C								
	25x6A		8D								
	7.5x6A		8E								
	8x6A		8F								
	1V		AA								
	10V		AB								
	33V		AC								
	38.48V		AD								
	58.3V		AE								
	60V		AF								
	69.24V		AG								
	76.96V		AH								
	78.89V		AJ								
	79.66V		AK								
	86.59V		AL								
	100V		AM								
	108.69V		AN								
	109V		AP								
	110V		AQ								
	114.58V		AR								
	114.73V		AS								
	115V		AT								
	116.6V		AU								
	116.66V		AV								
	117.17V		AW								
	119.04V		AX								
	119.27V		AY								
	119.56V		AZ								
	120V		BA								
	120.83V		BB								
	121.21V		BC								
	122.22V		BD								
	123.5V		BE								
	123.75V		BF								
	125V		BG								
	125.71V		BH								

Product Code	VL94-	X	XX	X	X	X	X	X	X	X	XXX
	126.58V		BJ								
	127V		BK								
	127.02V		BL								
	127.53V		BM								
	130V		BN								
	130.263V		BP								
	130.43V		BQ								
	131.5V		BR								
	131.521V		BS								
	131.58V		BT								
	132V		BU								
	132.5V		BV								
	133V		BW								
	133.3V		BX								
	133.33V		BY								
	136.36V		BZ								
	137.5V		CA								
	139.39V		CB								
	139.68V		CC								
	140V		CD								
	142.85V		CE								
	143.47V		CF								
	143.48V		CG								
	144.73V		CH								
	145.45V		CJ								
	150V		CK								
	150.39V		CL								
	151.31V		CM								
	151.34V		CN								
	151.45V		CP								
	151.51V		CQ								
	153.3V		CR								
	156.66V		CS								
	157.14V		CT								
	157.89V		CU								
	159.03V		CV								
	160V		CW								
	163.63V		CX								
	165V		CY								
	166.66V		CZ								
	167.1V		DA								
	173.18V		DB								
	190.38V		DC								
	199.03V		DD								

Product Code	VL94-	X	XX	X	X	X	X	X	X	X	X	XXX
	200V	DE										
	214.28V	DF										
	220V	DG										
	230V	DH										
	233.33V	DJ										
	250V	DK										
	271V	DL										
	277.1V	DM										
	287V	DN										
	289.15V	DP										
	289.16V	DQ										
	300V	DR										
	302.63V	DS										
	380V	DT										
	400V	DU										
	452.72V	DV										
	460V	DW										
	481.15V	DX										
	500V	DY										
	600V	DZ										
	750V	EA										
	100-133.33V	EB										
	75-133.33V	EC										
	88-132V	ED										
Zero Position	Left Zero	L										
	Center Zero	C										
	Suppressed Zero	S										
	Shifted Zero	H										
	Electronic Floating Zero	F										
Accuracy Class	Class - 1.5	1										
	Class - 1.0	2										
	Class 0.5	3										
	Class 2.5	4										
Front Facia	Normal glass	N										
	Antiglare glass	A										
	NG with red pointer kit	R										
	AG with red pointer kit	K										
	Plastic front facia(PC)	P										
Protection Class	IP 52	1										
	IP 54	2										
	IP 65	3										
Back Cover	With Back cover	C										
	Without Back cover	B										
	PC terminal cover blk	T										

Product Code	VL94-	X	XX	X	X	X	X	X	X	X	X	XXX
Type of dial	Standard Plastic										P	
	Standard Aluminum										A	
	Aluminum with Colour mark										R	
	Illumination Dial										I	
	Aluminium with colour bands										C	
	Without Dial										X	
	Blank Scale										B	
	Blank Scale with logo										L	
	Alluminium with dual scale										D	
	Plastic Blank scale										S	
	Tripple Scale										T	
Color of dial	Black background										B	
	White background										W	
	NA										X	000

Moving Coil Meters with Rectifiers VL 72 X 72

Product Code	VL74-	X	XX	X	X	X	X	X	X	X	X	XXX
Input Type	Current Meter	I										
	Voltage Meter	V										
Measuring Range	1mA	6A										
	20mA	6B										
	100mA	6C										
	0.952A	6D										
	1A	6E										
	1.08A	6F										
	1.11A	6G										
	1.125A	6H										
	1.15A	6J										
	1.16A	6K										
	1.2A	6L										
	1.25A	6M										
	1.33A	6N										
	1.4A	6P										
	1.5A	6Q										
	2A	6R										
	2.5A	6S										
	3A	6T										
	4A	6U										
	5A	6V										
	5.556A	6W										
	6A	6X										
	6.25A	6Y										
	6.5A	6Z										
	6.66A	7A										

Product Code	VL74-	X	XX	X	X	X	X	X	X	X	XXX
	7.5A		7B								
	8A		7C								
	10A		7D								
	12.5A		7E								
	15A		7F								
	18.75A		7G								
	20A		7H								
	25A		7J								
	1x2A		7K								
	1x3A		7L								
	1x5A		7M								
	1x6A		7N								
	1x8A		7P								
	1.25x6A		7Q								
	2x6A		7R								
	2.5x6A		7S								
	3x6A		7T								
	4x6A		7U								
	5x1.2A		7V								
	5x2A		7W								
	5x4A		7X								
	5x5A		7Y								
	5x6A		7Z								
	10x6A		8A								
	15x6A		8B								
	20x6A		8C								
	25x6A		8D								
	7.5x6A		8E								
	8x6A		8F								
	1V		AA								
	10V		AB								
	33V		AC								
	38.48V		AD								
	58.3V		AE								
	60V		AF								
	69.24V		AG								
	76.96V		AH								
	78.89V		AJ								
	79.66V		AK								
	86.59V		AL								
	100V		AM								
	108.69V		AN								
	109V		AP								
	110V		AQ								

Product Code	VL74-	X	XX	X	X	X	X	X	X	X	XXX
	114.58V		AR								
	114.73V		AS								
	115V		AT								
	116.6V		AU								
	116.66V		AV								
	117.17V		AW								
	119.04V		AX								
	119.27V		AY								
	119.56V		AZ								
	120V		BA								
	120.83V		BB								
	121.21V		BC								
	122.22V		BD								
	123.5V		BE								
	123.75V		BF								
	125V		BG								
	125.71V		BH								
	126.58V		BJ								
	127V		BK								
	127.02V		BL								
	127.53V		BM								
	130V		BN								
	130.263V		BP								
	130.43V		BQ								
	131.5V		BR								
	131.521V		BS								
	131.58V		BT								
	132V		BU								
	132.5V		BV								
	133V		BW								
	133.3V		BX								
	133.33V		BY								
	136.36V		BZ								
	137.5V		CA								
	139.39V		CB								
	139.68V		CC								
	140V		CD								
	142.85V		CE								
	143.47V		CF								
	143.48V		CG								
	144.73V		CH								
	145.45V		CJ								
	150V		CK								
	150.39V		CL								

Product Code	VL74-	X	XX	X	X	X	X	X	X	X	XXX
	151.31V	CM									
	151.34V	CN									
	151.45V	CP									
	151.51V	CQ									
	153.3V	CR									
	156.66V	CS									
	157.14V	CT									
	157.89V	CU									
	159.03V	CV									
	160V	CW									
	163.63V	CX									
	165V	CY									
	166.66V	CZ									
	167.1V	DA									
	173.18V	DB									
	190.38V	DC									
	199.03V	DD									
	200V	DE									
	214.28V	DF									
	220V	DG									
	230V	DH									
	233.33V	DJ									
	250V	DK									
	271V	DL									
	277.1V	DM									
	287V	DN									
	289.15V	DP									
	289.16V	DQ									
	300V	DR									
	302.63V	DS									
	380V	DT									
	400V	DU									
	452.72V	DV									
	460V	DW									
	481.15V	DX									
	500V	DY									
	600V	DZ									
	750V	EA									
	100-133.33V	EB									
	75-133.33V	EC									
	88-132V	ED									
Zero Position	Left Zero		L								
	Center Zero		C								
	Suppressed Zero		S								

Product Code	VL74-	X	XX	X	X	X	X	X	X	X	X	XXX
	Shifted Zero	H										
	Electronic Floating Zero	F										
Accuracy Class	Class - 1.5	1										
	Class - 1.0	2										
	Class 0.5	3										
	Class 2.5	4										
Front Facia	Normal glass	N										
	Antiglare glass	A										
	NG with red pointer kit	R										
	AG with red pointer kit	K										
	Plastic front facia(PC)	P										
Protection Class	IP 52	1										
	IP 54	2										
	IP 65	3										
Back Cover	With Back cover	C										
	Without Back cover	B										
	PC terminal cover blk	T										
Type of dial	Standard Plastic	P										
	Standard Aluminum	A										
	Aluminum with Colour mark	R										
	Illumination Dial	I										
	Aluminium with colour bands	C										
	Without Dial	X										
	Blank Scale	B										
	Blank Scale with logo	L										
	Alluminium with dual scale	D										
	Plastic Blank scale	S										
	Tripple Scale	T										
Color of dial	Black background	B										
	White background	W										
	NA	X										000

Moving Coil Meters with Rectifiers VL 144 X 144

Product Code	VL74-	X	XX	X	X	X	X	X	X	X	X	XXX
Input Type	Current Meter	I										
	Voltage Meter	V										
Measuring Range	1mA	6A										
	20mA	6B										
	100mA	6C										
	0.952A	6D										
	1A	6E										
	1.08A	6F										
	1.11A	6G										
	1.125A	6H										

Product Code	VL74-	X	XX	X	X	X	X	X	X	X	XXX
	1.15A		6J								
	1.16A		6K								
	1.2A		6L								
	1.25A		6M								
	1.33A		6N								
	1.4A		6P								
	1.5A		6Q								
	2A		6R								
	2.5A		6S								
	3A		6T								
	4A		6U								
	5A		6V								
	5.556A		6W								
	6A		6X								
	6.25A		6Y								
	6.5A		6Z								
	6.66A		7A								
	7.5A		7B								
	8A		7C								
	10A		7D								
	12.5A		7E								
	15A		7F								
	18.75A		7G								
	20A		7H								
	25A		7J								
	1x2A		7K								
	1x3A		7L								
	1x5A		7M								
	1x6A		7N								
	1x8A		7P								
	1.25x6A		7Q								
	2x6A		7R								
	2.5x6A		7S								
	3x6A		7T								
	4x6A		7U								
	5x1.2A		7V								
	5x2A		7W								
	5x4A		7X								
	5x5A		7Y								
	5x6A		7Z								
	10x6A		8A								
	15x6A		8B								
	20x6A		8C								
	25x6A		8D								

Product Code	VL74-	X	XX	X	X	X	X	X	X	X	XXX
	7.5x6A		8E								
	8x6A		8F								
	1V		AA								
	10V		AB								
	33V		AC								
	38.48V		AD								
	58.3V		AE								
	60V		AF								
	69.24V		AG								
	76.96V		AH								
	78.89V		AJ								
	79.66V		AK								
	86.59V		AL								
	100V		AM								
	108.69V		AN								
	109V		AP								
	110V		AQ								
	114.58V		AR								
	114.73V		AS								
	115V		AT								
	116.6V		AU								
	116.66V		AV								
	117.17V		AW								
	119.04V		AX								
	119.27V		AY								
	119.56V		AZ								
	120V		BA								
	120.83V		BB								
	121.21V		BC								
	122.22V		BD								
	123.5V		BE								
	123.75V		BF								
	125V		BG								
	125.71V		BH								
	126.58V		BJ								
	127V		BK								
	127.02V		BL								
	127.53V		BM								
	130V		BN								
	130.263V		BP								
	130.43V		BQ								
	131.5V		BR								
	131.521V		BS								
	131.58V		BT								

Product Code	VL74-	X	XX	X	X	X	X	X	X	X	XXX
	132V		BU								
	132.5V		BV								
	133V		BW								
	133.3V		BX								
	133.33V		BY								
	136.36V		BZ								
	137.5V		CA								
	139.39V		CB								
	139.68V		CC								
	140V		CD								
	142.85V		CE								
	143.47V		CF								
	143.48V		CG								
	144.73V		CH								
	145.45V		CJ								
	150V		CK								
	150.39V		CL								
	151.31V		CM								
	151.34V		CN								
	151.45V		CP								
	151.51V		CQ								
	153.3V		CR								
	156.66V		CS								
	157.14V		CT								
	157.89V		CU								
	159.03V		CV								
	160V		CW								
	163.63V		CX								
	165V		CY								
	166.66V		CZ								
	167.1V		DA								
	173.18V		DB								
	190.38V		DC								
	199.03V		DD								
	200V		DE								
	214.28V		DF								
	220V		DG								
	230V		DH								
	233.33V		DJ								
	250V		DK								
	271V		DL								
	277.1V		DM								
	287V		DN								
	289.15V		DP								

Product Code	VL74-	X	XX	X	X	X	X	X	X	X	X	XXX
	289.16V	DQ										
	300V	DR										
	302.63V	DS										
	380V	DT										
	400V	DU										
	452.72V	DV										
	460V	DW										
	481.15V	DX										
	500V	DY										
	600V	DZ										
	750V	EA										
	100-133.33V	EB										
	75-133.33V	EC										
	88-132V	ED										
Zero Position	Left Zero	L										
	Center Zero	C										
	Suppressed Zero	S										
	Shifted Zero	H										
	Electronic Floating Zero	F										
Accuracy Class	Class - 1.5	1										
	Class - 1.0	2										
	Class 0.5	3										
	Class 2.5	4										
Front Facia	Normal glass	N										
	Antiglare glass	A										
	NG with red pointer kit	R										
	AG with red pointer kit	K										
	Plastic front facia(PC)	P										
Protection Class	IP 52	1										
	IP 54	2										
	IP 65	3										
Back Cover	With Back cover	C										
	Without Back cover	B										
	PC terminal cover blk	T										
Type of dial	Standard Plastic	P										
	Standard Aluminum	A										
	Aluminum with Colour mark	R										
	Illumination Dial	I										
	Aluminium with colour bands	C										
	Without Dial	X										
	Blank Scale	B										
	Blank Scale with logo	L										
	Alluminium with dual scale	D										
	Plastic Blank scale	S										

Product Code	VL74-	X	XX	X	X	X	X	X	X	X	XXX
	Tripple Scale									T	
Color of dial	Black background										B
	White background										W
	NA										X
											000

Pointer Frequency Meter ZL 96X 96

Product Code	ZL94-	X	XX	X	X	X	X	X	X	XXXX
Frequency	45-55-65Hz	46								
	55-60-65Hz	56								
	45-50-55Hz	45								
	360-400-440Hz	34								
	35-50-65Hz	36								
	380-400-420Hz	38								
	47-50-53Hz	47								
	340-400-460Hz	2A								
	48-50-52Hz	2B								
	46-50-54Hz	2C								
	25-60Hz	2D								
	50-60-70Hz	2E								
	57-60-63Hz	2F								
Voltage Range	7.7V	01								
	63.5V	02								
	66.39V	03								
	87V	04								
	100V	05								
	110V	06								
	115V	07								
	120V	08								
	127V	09								
	190V	10								
	208V	11								
	220V	12								
	230V	13								
	240V	14								
	277V	15								
	289V	16								
	380V	17								
	400V	18								
	415V	19								
	440V	20								
	480V	21								
	500V	22								
	380-440V	23								
	200-250V	24								

Product Code	ZL94-	X	XX	X	X	X	X	X	X	XXXX
	100-130V	25								
	100-125V	26								
	110-130V	27								
	208-277V	28								
	110-125V	29								
	380-500V	30								
	220-440V	31								
	240-440V	32								
	240-415V	33								
	460-600V	34								
	100-120V	35								
	220-250V	36								
	110-220 DualV	37								
	240-415 DualV	38								
	220-380 DualV	39								
	220-440 DualV	40								
	240-440 DualV	41								
	110-240 DualV	42								
	415-110 DualV	43								
	240-440 DualV	44								
Accuracy Class	Class - 1.5	1								
	Class - 1.0	2								
	Class 0.5	3								
Front Facia	Normal glass	N								
	Antiglare glass	A								
	NG with red pointer kit	R								
	AG with red pointer kit	K								
Protection Class	IP 52	1								
	IP 54	2								
Cover	With Back cover	C								
	Without Back cover	B								
	Terminal cover Blk	T								
Type of Dial	Standard Plastic	P								
	Standard Aluminum	A								
	Aluminum with Colour mark	R								
	Alluminium with dual scale	D								
	Aluminium with colour bands	C								
	Without Dial	X								
	Blank Scale	B								
	Blank Scale with logo	L								
	Illumination printed dial	I								
Colour of Dial	Black background	B								
	White background	W								
	NA	X								0000

Pointer Frequency Meter ZL 144X 144

Product Code	ZL14-	X	XX	X	X	X	X	X	X	XXXX
Frequency	45-55-65Hz	46								
	55-60-65Hz	56								
	45-50-55Hz	45								
	360-400-440Hz	34								
	35-50-65Hz	36								
	380-400-420Hz	38								
	47-50-53Hz	47								
	340-400-460Hz	2A								
	48-50-52Hz	2B								
	46-50-54Hz	2C								
	25-60Hz	2D								
	50-60-70Hz	2E								
	57-60-63Hz	2F								
Voltage Range	7.7V	01								
	63.5V	02								
	66.39V	03								
	87V	04								
	100V	05								
	110V	06								
	115V	07								
	120V	08								
	127V	09								
	190V	10								
	208V	11								
	220V	12								
	230V	13								
	240V	14								
	277V	15								
	289V	16								
	380V	17								
	400V	18								
	415V	19								
	440V	20								
	480V	21								
	500V	22								
	380-440V	23								
	200-250V	24								
	100-130V	25								
	100-125V	26								
	110-130V	27								
	208-277V	28								
	110-125V	29								
	380-500V	30								

Product Code	ZL14-	X	XX	X	X	X	X	X	X	XXXX
	220-440V	31								
	240-440V	32								
	240-415V	33								
	460-600V	34								
	100-120V	35								
	220-250V	36								
	110-220 DualV	37								
	240-415 DualV	38								
	220-380 DualV	39								
	220-440 DualV	40								
	240-440 DualV	41								
	110-240 DualV	42								
	415-110 DualV	43								
	240-440 DualV	44								
Accuracy Class	Class - 1.5	1								
	Class - 1.0	2								
	Class 0.5	3								
Front Facia	Normal glass	N								
	Antiglare glass	A								
	NG with red pointer kit	R								
	AG with red pointer kit	K								
Protection Class	IP 52	1								
	IP 54	2								
Cover	With Back cover	C								
	Without Back cover	B								
	Terminal cover Blk	T								
Type of Dial	Standard Plastic	P								
	Standard Aluminum	A								
	Aluminum with Colour mark	R								
	Alluminium with dual scale	D								
	Aluminium with colour bands	C								
	Without Dial	X								
	Blank Scale	B								
	Blank Scale with logo	L								
	Illumination printed dial	I								
Colour of Dial	Black background	B								
	White background	W								
	NA	X								0000

Maximum Demand Meter BIQ 72X 72

Product Code	BI74-	X	XX	X	X	X	X	X	X	X	X	XXX
Input Range	1Ax1.2	1										
	5Ax1.2	5										
Delay	Eight min.	E										
	Fifteen min	F										
	Twenty Min	T										
Moving Iron	NA		X									
	5Ax1	5										
	5Ax1.2	6										
	1Ax1	1										
	1Ax1.2	2										
	5Ax2	3										
	1Ax2	4										
Accuracy Class	NA		X									
	Acc 1.5%	1										
	Acc 1%	2										
Front Facia	Normal Glass		N									
	Antiglare glass											
	Plastic glass (PC)											
Knob	Standard		S									
	Compact											
Cover	With Black Cover		C									
	Without Black Cover											
Dial Type	Standard Aluminum Dial		A									
	Blank scale											
	Without dial											
	Standard plastic											
	Scale factor Aluminum dial											
	reversible scale											
Bezel Type	S: Standard bezel		S									
	B:Blue bezel											
	R: Red Bezel											
	W: white bezel											
	Y:Yellow bezel											

Maximum Demand Meter BIQ 96X 96

Product Code	BI94-	X	XX	X	X	X	X	X	X	X	XXX
Input Range	1Ax1.2	1									
	5Ax1.2	5									
Delay	Eight min.	E									
	Fifteen min	F									
	Twenty Min	T									
Moving Iron	NA		X								
	5Ax1										
	5Ax1.2										

Product Code	BI94-	X	XX	X	X	X	X	X	X	X	XXX
	1Ax1	1									
	1Ax1.2	2									
	5Ax2	3									
	1Ax2	4									
Accuracy Class	NA	X									
	Acc 1.5%	1									
	Acc 1%	2									
Front Facia	Normal Glass	N									
	Antiglare glass	A									
	Plastic glass (PC)	P									
Knob	Standard	S									
	Compact	C									
Cover	With Black Cover	C									
	Without Black Cover	B									
Dial Type	Standard Aluminum Dial	A									
	Blank scale	B									
	Without dial	X									
	Standard plastic	P									
	Scale factor Aluminum dial	F									
	Aluminium Dual Scale	D									
	reversible scale	R									
Bezel Type	S: Standard bezel	S									
	B:Blue bezel	B									
	R: Red Bezel	R									
	W: white bezel	W									
	Y:Yellow bezel	Y									000

Maximum Demand Meter BIEQ 96X 96

Product Code	BE94-	X	XX	X	X	X	X	X	X	X	XXX
Input Range	1Ax1.2	1									
	5Ax1.2	5									
Delay	Eight min.	E									
	Thirty min	H									
	Fifteen min	F									
	Twenty Min	T									
Moving Iron	NA	X									
	5Ax1	5									
	5Ax1.2	6									
	1Ax1	1									
	1Ax1.2	2									
	5Ax2	3									
	1Ax2	4									
Accuracy Class	NA	X									
	Acc 1.5%	1									

Product Code	BE94-	X	XX	X	X	X	X	X	X	X	XXX
	Acc 1%	2									
Front Facia	Normal Glass	N									
	Antiglare glass	A									
	Plastic glass (PC)	P									
Knob	Standard	S									
	Compact	C									
Cover	With Black Cover	C									
	Without Black Cover	B									
Dial Type	Standard Aluminum Dial	A									
	Blank scale	B									
	Without dial	X									
	Standard plastic	P									
	Blank Scale with Logo	L									
	Scale factor Aluminum dial	F									
	Colour Mark on dial	C									
	Aluminium Dual Scale	D									
	reversible scale	R									
Bezel Type	Standard bezel	S									
	Blue bezel	B									
	Red Bezel	R									
	White bezel	W									
	Yellow bezel	Y									000

Maximum Demand Meter BIEQ 72X 72

Product Code	BE74-	X	XX	X	X	X	X	X	X	X	XXX
Input Range	1Ax1.2	1									
	5Ax1.2	5									
Delay	Eight min.	E									
	Fifteen min	F									
	Twenty Min	T									
Moving Iron	NA	X									
	5Ax1	5									
	5Ax1.2	6									
	1Ax1	1									
	1Ax1.2	2									
	5Ax2	3									
	1Ax2	4									
Accuracy Class	NA	X									
	Acc 1.5%	1									
	Acc 1%	2									
Front Facia	Normal Glass	N									
	Antiglare glass	A									
	Plastic glass (PC)	P									
Knob	Standard	S									

Product Code	BE74-	X	XX	X	X	X	X	X	X	X	X	XXX
	Compact											
Cover	With Black Cover											
	Without Black Cover											
Dial Type	Standard Aluminum Dial											
	Blank scale											
	Without dial											
	Standard plastic											
	Scale factor Aluminum dial											
	Aluminium Dual Scale											
	Reversible scale											
Bezel Type	Standard bezel											
	Blue bezel											
	Red Bezel											
	White bezel											
	Yellow bezel											

Anush Series Moving Coil DC Meter 011

Product Code	PQ1A-	X	XX	X	X	X	X	XXXXXX
Input Type	Current Meter	I						
	Voltage Meter	V						
Measuring Range	50uA	01						
	100uA	02						
	1mA	03						
	20mA	04						
	150mA	05						
	500mA	06						
	1A	07						
	3A	08						
	5A	09						
	6A	10						
	10A	11						
	15A	12						
	25A	13						
	30A	14						
	50mV	2A						
	60mV	2B						
	75mV	2C						
	5V	2D						
	10V	2E						
	15V	2F						
	30V	2G						
	150V	2H						
	300V	2J						
	500V	2K						

Product Code	PQ1A-	X	XX	X	X	X	X	XXXXXX
	600V	2L						
Zero Position	Left Zero	L						
	Center Zero	C						
	Suppressed Zero	S						
Accuracy Class	Class 1.5	1						
	Class 1.5	2						
	Class 2.5	3						
Type of dial	Standard Aluminum	A						
	Aluminum with Colour mark	R						
	Aluminium with colour bands	C						
Color of dial	White background					W		000000

Anush Series Moving Coil DC Meter 012

Product Code	PQ2A-	X	XX	X	X	X	X	XXXXXX
Input Type	Current Meter	I						
	Voltage Meter	V						
Measuring Range	50uA	01						
	100uA	02						
	1mA	03						
	20mA	04						
	150mA	05						
	500mA	06						
	1A	07						
	3A	08						
	5A	09						
	6A	10						
	10A	11						
	15A	12						
	25A	13						
	30A	14						
	50mV	2A						
	60mV	2B						
	75mV	2C						
	5V	2D						
	10V	2E						
	15V	2F						
	30V	2G						
	150V	2H						
	300V	2J						
	500V	2K						
	600V	2L						
Zero Position	Left Zero	L						
	Center Zero	C						
	Suppressed Zero	S						

Product Code	PQ2A-	X	XX	X	X	X	X	XXXXXX
Accuracy Class	Class - 1.5							
	Class - 1.0							
	Class 2.5							
Type of dial	Standard Plastic					P		
	Standard Aluminum					A		
	Aluminum with Colour mark					R		
	Illumination Dial					I		
	Aluminium with colour bands					C		
	Without Dial					X		
	Blank Scale					B		
	Blank Scale with logo					L		
	Alluminium with dual scale					D		
	Tripple scale					T		
Color of dial	Black background						B	
	White background						W	
	NA						X	000000

RishVista Series Moving Coil DC Meter 212

Product Code	PQ2V-	X	XX	X	X	X	X	XXXXXX
Input Type	Current Meter	I						
	Voltage Meter	V						
Measuring Range	50uA		01					
	1mA		02					
	100mA		03					
	4-20mA		04					
	6A		05					
	10A		06					
	25A		07					
	50A		08					
	30mV		2A					
	50mV		2B					
	0.5V		2C					
	10V		2D					
	15V		2E					
	30V		2F					
	50V		2G					
	60V		2H					
	150V		2J					
Zero Position	Left Zero			L				
	Center Zero			C				
Accuracy Class	Class - 1.5				1			
	Class - 1.0				2			
Type of dial	Standard Aluminum					A		
	Aluminum with Colour mark					R		

Product Code	PQ2V-	X	XX	X	X	X	X	XXXXXX
	Aluminium with colour bands	C						
Color of dial	Black background						B	
	White background						W	
	NA						X	000000

RishVista Series Moving Coil DC Meter 312

Product Code	PQ3V-	X	XX	X	X	X	X	XXXXXX
Input Type	Current Meter	I						
	Voltage Meter	V						
Measuring Range	50uA	01						
	1mA	02						
	100mA	03						
	4-20mA	04						
	6A	05						
	10A	06						
	25A	07						
	50A	08						
	30mV	2A						
	50mV	2B						
	0.5V	2C						
	10V	2D						
	15V	2E						
	30V	2F						
	50V	2G						
	60V	2H						
	150V	2J						
Zero Position	Left Zero		L					
	Center Zero		C					
Accuracy Class	Class - 1.5			1				
	Class - 1.0			2				
	Class 2.5			4				
Type of dial	Standard Aluminum				A			
	Aluminum with Colour mark				R			
	Aluminium with colour bands				C			
Color of dial	Black background					B		
	White background					W		
	NA					X		000000

RishVista Series Moving Coil DC Meter 412

Product Code	PQ4V-	X	XX	X	X	X	X	XXXXXX
Input Type	Current Meter	I						
	Voltage Meter	V						
Measuring Range	50uA	01						
	1mA	02						
	100mA	03						
	4-20mA	04						
	6A	05						
	10A	06						
	25A	07						
	50A	08						
	30mV	2A						
	50mV	2B						
	0.5V	2C						
	10V	2D						
	15V	2E						
	30V	2F						
	50V	2G						
	60V	2H						
	150V	2J						
Zero Position	Left Zero	L						
	Center Zero	C						
	Suppressed Zero	S						
Accuracy Class	Class - 1.5	1						
	Class - 1.0	2						
	Class 2.5	4						
Type of dial	Standard Aluminum	A						
	Aluminum with Colour mark	R						
	Aluminium with colour bands	C						
Color of dial	Black background	B						
	White background	W						
	NA	X						000000

Two in one Moving Coil PQ 96 X 96

Product Code	PQ9T-	X	XX	X	X	X	X	X	X	X	XXX
Input Type	Current Meter	I									
	Voltage Meter	V									
	Current -Voltage Both	B									
Measuring Range 1	400uA	01									
	1mA	02									
	4-20mA	03									
	10A	04									
	15A	05									
	20A	06									
	25A	07									

Product Code	PQ9T-	X	XX	X	X	X	X	X	X	X	XXX
	30A	08									
	40A	09									
	50A	10									
	60mV	2A									
	75mV	2B									
	133mV	2C									
	10V	2D									
	15V	2E									
	20V	2F									
	30V	2G									
	40V	2H									
	50V	2J									
	300V	2K									
	2.25V	2L									
	150V	2M									
Measuring Range 2	400uA	01									
	1mA	02									
	4-20mA	03									
	10A	04									
	15A	05									
	20A	06									
	25A	07									
	30A	08									
	40A	09									
	50A	10									
	60mV	2A									
	75mV	2B									
	133mV	2C									
	10V	2D									
	15V	2E									
	20V	2F									
	30V	2G									
	40V	2H									
	50V	2J									
	300V	2K									
	2.25V	2L									
	150V	2M									
Front Facia	Normal Glass	A									
	Antiglare Glass	N									
Accuracy Class	Class - 1.5	1									
	Class - 1.0	2									
	Class 2.5	4									
Zero Position	Normal Left Zero	L									
	NormalSuppresed zero	S									

Product Code	PQ9T-	X	XX	X	X	X	X	X	X	X	X	XXX
	Top meter at 6'o clock	T										
	Mech supp. top mtr 6'o clock	M										
Back Cover	With Back cover	C										
	Without Back cover	B										
	PC terminal cover blk	T										
Type of dial	Standard Aluminum	A										
	Aluminum with Colour mark	R										
	Aluminium with colour bands	C										
Clamp	Blue Mounting Clamp									B		000

Din Rail Meter Moving Coil PQ35

Product Code	DR35-	X	XX	X	X	X	X	X	X	X	XXXX
Input Type	Current Meter	I									
	Voltage Meter	V									
Measuring Range	60uA	01									
	150uA	02									
	1mA	03									
	4-20mA	04									
	60mV	2A									
	25V	2B									
	40V	2C									
	100V	2D									
	500V	2E									
Front Facia	PC Glass	P									
Protection	IP 52		1								
Accuracy Class	Class 1.5			1							
	Class 1			2							
Zero Position	Left Zero				L						
	Center Zero				C						
	Suppressed zero				S						
Dial Type	Standard Aluminum					A					
	Aluminum with Colour mark					R					
	Aluminium with colour bands					C					
	Without Dial					X					
	Blank Scale					B					
Colour Dial	White Background						W				
	NA						X				0000

Anush Series Moving Iron EQ

Product Code	EQ2A-	X	XX	X	X	X	X	XXXXXX
Input Type	Current Meter	I						
	Voltage Meter	V						
Measuring Range	1A	01						
	1.2A	02						
	3A	03						
	5A	04						
	10A	05						
	15A	06						
	20A	07						
	30A	08						
	24V	2A						
	30V	2B						
	150V	2C						
	300V	2D						
	400V	2E						
	500V	2F						
Suppression	X1	1						
	X2	2						
	X3	3						
	X5	5						
	X6	6						
	X4	4						
	NA	X						
Accuracy Class	Class - 1.5%	1						
	Class - 1.0%	2						
Type of dial	Standard Aluminum	A						
	Aluminum with Colour mark	R						
	Aluminium with Dual Scale	D						
	Aluminium with colour bands	C						
Color of dial	White background	W						
	NA	X						000000

Din Rail Meter Moving Iron EQ35

Product Code	DI35-	X	XX	X	X	X	X	X	X	XXXX
Input Type	Current Meter	I								
	Voltage Meter	V								
Measuring Range	400mA	01								
	1A	02								
	5A	03								
	10A	04								
	15A	05								
	20A	06								
	30A	07								
	25V	2A								

Product Code	DI35-	X	XX	X	X	X	X	X	X	XXXX
	300V	2B								
	500V	2C								
Front Facia	PC Glass	P								
Protection	IP 52	1								
Accuracy Class	Class 1.5	1								
	Class 1	2								
Suppression	X1	1								
	X2	2								
	X3	3								
	X5	5								
	X6	6								
	NA	X								
Dial Type	Standard Aluminum	A								
	Aluminum with Colour mark	R								
	Aluminium with colour bands	C								
	Without Dial	X								
	Blank Scale	B								
Colour Dial	White Background	W								
	NA	X								0000

Two in one Moving Iron EQ 96 X 96

Product Code	EQ9T-	X	XX	X	X	X	X	X	X	X	000
Input Type	Current Meter	I									
	Voltage Meter	V									
	Current -Voltage Both	B									
Measuring Range 1	1A	01									
	1.04A	02									
	1.08A	03									
	1.083A	04									
	1.125A	05									
	1.2A	06									
	1.266A	07									
	1.5A	08									
	5A	09									
	10A	10									
	20A	11									
	30A	12									
	40A	13									
	50A	14									
	60A	15									
	20V	2A									
	30V	2B									
	57.7V	2C									
	57.8V	2D									

Product Code	EQ9T-	X	XX	X	X	X	X	X	X	X	000
	63.5V	2E									
	69.24V	2F									
	75V	2G									
	79.375V	2H									
	100V	2J									
	110V	2K									
	113.63V	2L									
	116.66V	2M									
	116.67V	2N									
	119.56V	2P									
	120V	2Q									
	121.21V	2R									
	123.75V	2S									
	125V	2T									
	130V	2U									
	130.43V	2V									
	132V	2W									
	132.5V	2X									
	133.33V	2Y									
	137.5V	2Z									
	139.68V	3A									
	143.5V	3B									
	149.85V	3C									
	150V	3D									
	159V	3E									
	160V	3F									
	165V	3G									
	220V	3H									
	230V	3J									
	239.42V	3K									
	250V	3L									
	300V	3M									
	380V	3N									
	400V	3P									
	415V	3Q									
	480V	3R									
	500V	3S									
	550V	3T									
	600V	3U									
	175V	3V									
Measuring Range 2	1A		01								
	1.04A		02								
	1.08A		03								
	1.083A		04								

Product Code	EQ9T-	X	XX	X	X	X	X	X	X	X	000
	1.125A			05							
	1.2A			06							
	1.266A			07							
	1.5A			08							
	5A			09							
	10A			10							
	20A			11							
	30A			12							
	40A			13							
	50A			14							
	60A			15							
	20V			2A							
	30V			2B							
	57.7V			2C							
	57.8V			2D							
	63.5V			2E							
	69.24V			2F							
	75V			2G							
	79.375V			2H							
	100V			2J							
	110V			2K							
	113.63V			2L							
	116.66V			2M							
	116.67V			2N							
	119.56V			2P							
	120V			2Q							
	121.21V			2R							
	123.75V			2S							
	125V			2T							
	130V			2U							
	130.43V			2V							
	132V			2W							
	132.5V			2X							
	133.33V			2Y							
	137.5V			2Z							
	139.68V			3A							
	143.5V			3B							
	149.85V			3C							
	150V			3D							
	159V			3E							
	160V			3F							
	165V			3G							
	220V			3H							
	230V			3J							

Product Code	EQ9T-	X	XX	X	X	X	X	X	X	X	X	000
	239.42V			3K								
	250V			3L								
	300V			3M								
	380V			3N								
	400V			3P								
	415V			3Q								
	480V			3R								
	500V			3S								
	550V			3T								
	600V			3U								
	175V			3V								
Front Facia	Normal Glass			A								
	Plastic Front facia			P								
	Antiglare Glass			N								
Accuracy Class	Class - 1.5				1							
	Class - 1.0				2							
Suppression	X1					1						
	X2					2						
	X6					6						
	NA					X						
Back Cover	With Back cover						C					
	Terminal Cover White						W					
	Without Back cover						B					
	PC terminal cover blk						T					
Type of dial	Standard Aluminum						A					
	Aluminum with Colour mark						R					
	Aluminium with colour bands						C					
Clamp	Yellow Mounting Clamp									Y		
	Blue Mounting Clamp									B		

Vista Series Moving Iron Vista Series 212

Product Code	EQ2V-	X	XX	X	X	X	X	XXXXXX
Input Type	Current Meter	I						
	Voltage Meter	V						
Measuring Range	1A	01						
	2A	02						
	5A	03						
	10A	04						
	15A	05						
	25A	06						
	50A	07						
	60V	2A						
	110V	2B						
	150V	2C						

Product Code	EQ2V-	X	XX	X	X	X	X	XXXXXX
	300V	2D						
	500V	2E						
Suppression	X1	1						
	X2	2						
	X3	3						
	X5	5						
	X6	6						
	X4	4						
	NA	X						
Accuracy Class	Class - 1.5%	1						
	Class - 1.0%	2						
Type of dial	Standard Aluminum					A		
	Aluminum with Colour mark					R		
	Aluminium with colour bands					C		
Color of dial	White background					W		
	Black Background					B		
	NA					X		000000

Vista Series Moving Iron Vista Series 312

Product Code	EQ3V-	X	XX	X	X	X	X	XXXXXX
Input Type	Current Meter	I						
	Voltage Meter	V						
Measuring Range	1A	01						
	2A	02						
	5A	03						
	10A	04						
	15A	05						
	25A	06						
	50A	07						
	60V	2A						
	110V	2B						
	150V	2C						
	300V	2D						
	500V	2E						
Suppression	X1	1						
	X2	2						
	X3	3						
	X5	5						
	X6	6						
	X4	4						
	NA	X						
Accuracy Class	Class - 1.5%	1						
	Class - 1.0%	2						
Type of dial	Standard Aluminum					A		

Product Code	EQ3V-	X	XX	X	X	X	X	XXXXXX
Color of dial	Aluminum with Colour mark						R	000000
	Aluminium with colour bands						C	
	White background						W	
	Black Background						B	
	NA						X	

Vista Series Moving Iron Vista Series 412

Product Code	EQ4V-	X	XX	X	X	X	X	XXXXXX
Input Type	Current Meter	I						000000
	Voltage Meter	V						
Measuring Range	1A	01						
	2A	02						
	5A	03						
	10A	04						
	15A	05						
	25A	06						
	50A	07						
	60V	2A						
	110V	2B						
	150V	2C						
	300V	2D						
	500V	2E						
Suppression	X1	1						
	X2	2						
	X3	3						
	X5	5						
	X6	6						
	X4	4						
	NA	X						
Accuracy Class	Class - 1.5%	1						
	Class - 1.0%	2						
Type of dial	Standard Aluminum						A	
	Aluminum with Colour mark						R	
	Aluminium with colour bands						C	
Color of dial	White background						W	
	Black Background						B	
	NA						X	