

WE
SCAN,
INDICATE
AND
CONTROL



Where Promise Delivers!

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RADIANT CONTROLS & AUTOMATION PVT. LTD., has come a long way since its inception, the company has envisioned a success route that is based on ethics and superior quality accompanied by a zest of service that is seldom matched by their competitors.

The company is providing qualitative technical solutions in instrumentation & automation system. RADIANT CONTROLS & AUTOMATION PVT. LTD., is the leading manufacturer of High-tech instruments in various fields. We are well equipped with a range of technical solutions given by our qualified technocrats, as well as comprehensive sales-service program.

The company aims to continue strengthening its R&D aiming to lower the implementation cost with adhering to the needs of various industries; it is a sheer pleasure for the company to provide better products and better services to its valuable clients.

Where promise delivers! ...in other words, we keep our word and walk our talk.

The Radiant promise begins with the Technical quality of products. All the brands of the company go through every stage of the process, from Purchasing to installation; give support & service once the system is installed & starts functioning. This type of approach helps the company to give TOTAL SATISFACTION to its valued customer.

With all round support from installation to maintenance, the company ensures that every customer of ours finds peace of mind once he is the proud owner of our product.



Auto Tune PID Controllers



MODEL		RP-208	RP-508		
DISPLAY	UPPER	7 SEGMENT RED LED	7 SEGMENT RED LED		
	LOWER	7 SEGMENT GREEN LED	7 SEGMENT GREEN LED		
	LED INDICATION	OUTPUT, ALARM	OUTPUT, ALARM, AUTO TUNE		
DIGIT	UPPER	3 DIGIT (PROCESS VALUE)	4 DIGIT (PROCESS VALUE)		
	LOWER	3 DIGIT (SET VALUE)	4 DIGIT (SET VALUE)		
INPUT	TYPE	THERMOCOUPLE (J,K,E,N,T)	THERMOCOUPLE (J,K,R,S,E,N,T)		
		RTD : PT-100/3W & 2W	RTD : PT-100/3W & 2W		
		N.A.	VOLTAGE: 0-10 VDC		
	ACCURACY	(+/-) 0.3 of F.S. RANGE	(+/-) 0.3 of F.S. RANGE		
	RESOLUTION	0.1°C for RTD, 1°C FOR T/C	0.1°C for RTD, 1°C FOR T/C		
	SAMPLING RATE	250 ms	250 ms		
CONTROL OUTPUT	RELAY	5A@230 VAC	5A@230 VAC		
	SSR	9 VDC, 25 mA	12 VDC, 25 mA		
	LINEAR	N.A.	4-20 mA @300 ohms		
	CONTROL ACTION	PID OR ON-OFF	PID OR ON-OFF		
	TYPES OF ACTION	DIRECT OR REVERSE	DIRECT OR REVERSE		
ALARM	TYPE	RELAY	RELAY		
	NOS.	MAX.2 NOS.	MAX.2 NOS.		
	MODE	HIGH, LOW, DEVIATION HIGH/LOW	HIGH, LOW, DEVIATION HIGH/LOW		
GENERAL	SUPPLY VOLTAGE	90 TO 270 VAC	90 TO 270 VAC		
	TEMP. OPERATING	0 TO 55 °C	0 TO 55 °C		
	TEMP. STORAGE	(-20°C) TO 70°C	(-20°C) TO 70°		
	HUMIDITY	95% RH	95% RH		
		MODEL	SIZE (HXWXD) *	MODEL	SIZE (HXWXD) *
		RP-208-A	96X96X85	RP-508-A	96X96X85
		RP-208-B	72X72X85	RP-508-B	72X72X85
		RP-208-C	48X96X85	RP-508-C	48X96X85
		RP-208-D	48X48X85	RP-508-D	48X48X85

* All dimensions are in mm.

Economical Temp. Controllers



PIC-X02



PIC-X01

MODEL		PIC-X02	PIC-X01		
DISPLAY	UPPER	7 SEGMENT RED LED	7 SEGMENT RED LED		
	LOWER	7 SEGMENT GREEN LED	N.A.		
	LED INDICATION	OUT,AL1,AL2	OUT,AL1,AL2		
DIGIT	UPPER	4 DIGIT (PROCESS VALUE)	4 DIGIT (PROCESS VALUE)		
	LOWER	4 DIGIT (SET VALUE)	N.A.		
INPUT	TYPE	THERMOCOUPLE (J,K)	THERMOCOUPLE (J,K)		
		RTD : PT-100/3W & 2W	RTD : PT-100/3W & 2W		
		VOLTAGE:0-10 VDC	N.A.		
	CURRENT:4-20 mA,0-20 mA	N.A.			
	ACCURACY	(+/-) 0.3 of F.S. RANGE	(+/-) 0.3 of F.S. RANGE		
	RESOLUTION	0.1°C for RTD, 1°C FOR T/C	0.1°C for RTD, 1°C FOR T/C		
CONTROL OUTPUT	SAMPLING RATE	250 ms	250 ms		
	RELAY	5A@230 VAC	5A@230 VAC		
	SSR	12 VDC,25 mA	12 VDC,25 mA		
	CONTROL TYPE	T.P OR ON-OFF	T.P OR ON-OFF		
ALARM	CONTROL ACTION	DIRECT OR REVERSE	DIRECT OR REVERSE		
	TYPE	RELAY	RELAY		
	NOS.	MAX.2 NOS.	MAX.2 NOS.		
GENERAL	MODE	HIGH ,LOW	HIGH ,LOW		
	SUPPLY VOLTAGE	230 VAC (+/-10%)@ 50 Hz	230 VAC (+/-10%)@ 50 Hz		
	TEMP. OPERATING	0 TO 55 °C	0 TO 55 °C		
	TEMP STORAGE	(-20 °C) TO 70 °C	(-20 °C) TO 70 °C		
	HUMIDITY	95% RH	95% RH		
		MODEL	SIZE (HXWXD) *	MODEL	SIZE (HXWXD) *
		PIC-102	96X96X65	PIC-101	96X96X65
		PIC-202	72X72X65	PIC-201	72X72X65
		PIC-302	48X96X65	PIC-301	48X96X65
		PIC-402	96X48X65	PIC-401	96X48X65
		PIC-502	48X48X72	PIC-501	48X48X72

* All dimensions are in mm.

Digital Temp. Controllers+Indicators



RDTC-XX01



PI-X00

MODEL NO.		RDTC-XX01	PI-X00		
DESCRIPTION		DIGITAL TEMP.CONTROLLER	PROCESS INDICATOR		
DISPLAY	UPPER	7 SEGMENT RED LED	7 SEGMENT RED LED		
	LOWER	N.A.	N.A.		
	LED INDICATION	RL,TC	AL1,AL2,AL3,AL4		
DIGIT	UPPER	4 DIGIT (PROCESS VALUE)	4 DIGIT (PROCESS VALUE)		
	LOWER	N.A.	N.A.		
INPUT	TYPE	THERMOCOUPLE (J,K)	THERMOCOUPLE (J,K)		
		RTD : PT-100/3W & 2W	RTD : PT-100/3W & 2W		
		N.A.	VOLTAGE:0-10 VDC		
	CURRENT:4-20 mA,0-20 mA	N.A.			
	ACCURACY	(+/-)0.3 of F.S. RANGE	(+/-)0.3 of F.S. RANGE		
	RESOLUTION	0.1°C for RTD, 1°C FOR T/C	0.1°C for RTD, 1°C FOR T/C		
CONTROL OUTPUT	SAMPLING RATE	250 ms	250 ms		
	RELAY	5A@230 VAC	N.A.		
	SSR	12 VDC,25 mA	N.A.		
	CONTROL TYPE	T.P OR ON-OFF	N.A.		
ALARM	CONTROL ACTION	DIRECT OR REVERSE	N.A.		
	TYPE	RELAY	RELAY		
	NOS.	MAX.2 NOS.	MAX.4 NOS.		
GENERAL	MODE	HIGH ,LOW	HIGH ,LOW		
	SUPPLY VOLTAGE	230 VAC (+/-10%)@ 50 Hz	230 VAC (+/-10%)@ 50 Hz		
	TEMP. OPERATING	0 TO 55°C	0 TO 55°C		
	TEMP STORAGE	(-20°C) TO 70°C	(-20°C) TO 70°C		
	HUMIDITY	95% RH	95% RH		
		MODEL	SIZE (HXWXD) *	MODEL	SIZE (HXWXD) *
		RDTC-9601	96X96X90	PI-100	96X96X65
		RDTC-7201	72X72X110	PI-200	72X72X65
		RDTC-4801	96X48X110	PI-300	48X96X65
				PI-400	48X48X72

* All dimensions are in mm.

Scanners and Flow Totaliser



MODEL NO.		RS-1000 & RS-2000	RFIC-900
DESCRIPTION		TEMP SCANNER	FLOW TOTALISER
DISPLAY	UPPER	7 SEGMENT RED LED	7 SEGMENT RED LED
	LOWER	7 SEGMENT RED LED	7 SEGMENT RED LED
LED INDICATION		MANUAL,PROGRAM,ALARM	MANUAL,PROGRAM,ALARM
DIGIT	UPPER	4 DIGIT P.V. FOR (RS-1000) & 2 DIGIT CHANNEL FOR (RS-2000)	4 DIGIT FOR FLOW
	LOWER	2 DIGIT CHANNEL FOR (RS-1000) & 4 DIGIT P.V. FOR (RS-2000)	8 DIGIT FOR TOTAL FLOW
INPUT	TYPE	T/C'S (J,K,R,S,T),RTD : PT-100/3W & 2W mA,mV,V,Sp.on demand	1-5V,0-5 V,4-20 mA,0-20 mA field selectable or fixed type
	NO.OF INPUT	UP TO 8 NOS. FOR RS-1000 8,12,16 NOS. RS-2000	ONE
	ACCURACY	(+/-0).25% of full scale	(+/-0).25% of full scale
	RESOLUTION	0.1°C for RTD, 1°C FOR T/C	AS PER RANGE
	SAMPLING RATE	250 ms	250 ms
	ALARM	TYPE	2 RELAY FOR RS-1000, 6 RELAY FOR RS-2000
ALARM	GROUP	COMMON ALARM FOR RS-1000 THREE GROUP FOR RS-2000	TWO FOR FLOW RATE TWO FOR BATCHING OPERATION
	MODE	HIGH & LOW	HIGH & LOW
FEATURES	HYSTERESIS	COMMON 1-99	COMMON 1-99
	COMMUNICATION	RS-232/RS-485 MODBUS RTU	RS-232/RS-485 MODBUS RTU
	MODE	MANUAL/AUTO	N.A.
	TRANSMITTER POWER SUPPLY	N.A.	24 VDC @30 mA
	RETRANSMISSION	N.A.	4-20 mA signal
	PRINTER OUTPUT	WITH REAL TIME CLOCK	N.A.
	SQUARE ROOT EXTRACTION	N.A.	AVAILABLE
	MEMORY	NON VOLATILE	NON VOLATILE
	TIME UNIT	N.A.	SECOND,MINUTE AND HOUR PROGRAMMABLE
	GENERAL	POWER CONSUMPTION	LESS THAN 10 VA FOR RS-1000 & 15 VA FOR RS-2000
GENERAL	SUPPLY VOLTAGE	230 VAC (+/-10%)@ 50 Hz	230 VAC (+/-10%)@ 50 Hz
GENERAL	TEMP. OPERATING/STORAGE	0 TO 55°C & (-20) TO 70°C	0 TO 55°C & (-20) TO 70°C
GENERAL	HUMIDITY	95% RH	95% RH
GENERAL	SIZE	96X96X160 (RS-1000), 192X96X200 (RS-2000)	96X96X160

* All dimensions are in mm.

Programmable Counters



MODEL		RCT-X00	RPC-XX44	RLC-XX64		
DESCRIPTION		TOTALISER	PULSE COUNTER	LENGTH COUNTER		
DISPLAY	UPPER	7 SEGMENT RED LED	7 SEGMENT RED LED	7 SEGMENT RED LED		
	LOWER	N.A.	7 SEGMENT GREEN LED	7 SEGMENT GREEN LED		
	LED INDICATION	N.A.	OUTPUT	OUTPUT		
DIGIT	UPPER	6 DIGITS	4 DIGIT (TOTAL COUNT)	6 DIGIT (MTRS.)		
	LOWER	N.A.	4 DIGIT (SET COUNT)	4 DIGIT (MTRS/MNTS.)		
INPUT	TYPE	NPN/PNP PROXIMITY MICRO SWITCH, POTENTIAL FREE CONTACT 12 VDC,230 VAC	NPN/PNP PROXIMITY MICRO SWITCH, POTENTIAL FREE CONTACT 12 VDC,230 VAC	NPN/PNP PROXIMITY MICRO SWITCH, POTENTIAL FREE CONTACT 12 VDC,230 VAC		
	RESET	FRONT AND BACK	FRONT AND BACK	FRONT AND BACK		
	INPUT SPEED	500 Hz	500 Hz	500 Hz		
	SUPPLY	INBUILT SENSOR SUPPLY	INBUILT SENSOR SUPPLY	INBUILT SENSOR SUPPLY		
	CONTROL OUTPUT	RELAY	N.A.	5A@230 VAC	5A@230 VAC	
	NO.OF OUTPUT	N.A.	UP TO THREE	UP TO THREE		
FEATURES	RESET MODE	MANUAL	AUTO/MANUAL	AUTO/MANUAL		
	MEMORY	NON VOLATILE	NON VOLATILE	NON VOLATILE		
	RANGE	0-999999 COUNT	0-9999 COUNT	0-99999.9 MTRS.		
	COUNT DIRECTION	UP/DOWN	UP/DOWN	UP/DOWN		
ALARM	TYPE	N.A.	RELAY	RELAY		
	NOS.	N.A.	MAX.2 NOS.	MAX.2 NOS.		
	MODE	N.A.	HIGH ,LOW	HIGH ,LOW		
GENERAL	SUPPLY VOLTAGE	230 VAC (+/-10%)@ 50 Hz	230 VAC (+/-10%)@ 50 Hz	230 VAC (+/-10%)@ 50 Hz		
	TEMP. OPERATING	0 TO 55 °C	0 TO 55°C	0 TO 55°C		
	TEMP. STORAGE	(-20 °C) TO 70 °C	(-20°C) TO 70°C	(-20°C) TO 70°C		
	HUMIDITY	95% RH	95% RH	95% RH		
	MODEL	SIZE (HXWXD)*	MODEL	SIZE (HXWXD)*	MODEL	SIZE (HXWXD)*
	RCT-100	96X96X65	RPC-9644	96X96X55 & 90	RLC-9664	96X96X55 & 90
	RCT-200	72X72X65	RPC-7244	72X72X110	RLC-7264	72X72X110
	RCT-300	48X96X65				

* All dimensions are in mm.

Programmable Counters



RBC-XX64

RC-X00

RTC-X00

MODEL	RBC-XX64	RC-X00	RTC-X00			
DESCRIPTION	BATCH COUNTER	UNIVERSAL COUNTER	THUMBWHEEL COUNTER			
DISPLAY	UPPER	7 SEGMENT RED LED	7 SEGMENT RED LED			
	LOWER	7 SEGMENT GREEN LED	7 SEGMENT GREEN LED			
	LED INDICATION	OUTPUT	OUTPUT			
DIGIT	UPPER	6 DIGITS TOTAL	4 DIGIT (TOTAL COUNT)			
	LOWER	4 DIGIT BATCH	4 DIGIT (SET COUNT)			
INPUT	NOS.	UP TO THREE	UP TO THREE			
	TYPE	NPN/PNP PROXIMITY	NPN/PNP PROXIMITY	NPN/PNP PROXIMITY		
		MICRO SWITCH, POTENTIAL FREE CONTACT	MICRO SWITCH, POTENTIAL FREE CONTACT	MICRO SWITCH, POTENTIAL FREE CONTACT		
		12 VDC,230 VAC	12 VDC,230 VAC	12 VDC,230 VAC		
	RESET	FRONT AND BACK	FRONT AND BACK			
	INPUT SPEED	500 Hz	500 Hz			
	SUPPLY	INBUILT SENSOR SUPPLY	INBUILT SENSOR SUPPLY			
CONTROL OUTPUT	RELAY	5A@230 VAC	5A@230 VAC			
	NO.OF OUTPUT	UP TO THREE	UP TO THREE			
FEATURES	RESET TYPE	AUTO/MANUAL	AUTO/MANUAL			
	MEMORY	NON VOLATILE	NON VOLATILE			
	RANGE	0-999999 COUNT	0-9999 COUNT			
	COUNT DIRECTION	UP/DOWN	UP/DOWN			
ALARM	TYPE	RELAY	RELAY			
	NOS.	MAX.2 NOS.	MAX.2 NOS.			
	MODE	HIGH ,LOW	HIGH ,LOW			
GENERAL	SUPPLY VOLTAGE	230 VAC (+/-10%)@ 50 Hz	230 VAC (+/-10%)@ 50 Hz			
	TEMP. OPERATING	0 TO 55°C	0 TO 55°C			
	TEMP. STORAGE	(-20°C) TO 70°C	(-20°C) TO 70°C			
	HUMIDITY	95% RH	95% RH			
	MODEL	SIZE (HXWXD) *	MODEL	SIZE (HXWXD) *	MODEL	SIZE (HXWXD) *
	RBC-9664	96X96X55 & 90	RC-900	96X96X55 & 90	RTC-900	96X96X90
	RBC-7264	72X72X110	RC-700	72X72X110	RTC-700	72X72X110

* All dimensions are in mm.

Programmable Timers



RTT-X00

RPT-XX44

RCT-XX44

MODEL	RTT-X00	RPT-XX44	RCT-XX44			
DESCRIPTION	TIME TOTALISER	UNIVERSAL TIMER	CYCLIC TIMER			
DISPLAY	UPPER	7 SEGMENT RED LED	7 SEGMENT RED LED			
	LOWER	N.A.	7 SEGMENT GREEN LED			
	LED INDICATION	N.A.	OUTPUT			
DIGIT	UPPER	6 DIGITS	4 DIGIT (TOTAL TIME)			
	LOWER	N.A.	4 DIGIT (SET TIME)			
INPUT	TYPE	NPN/PNP PROXIMITY	NPN/PNP PROXIMITY			
		MICRO SWITCH, POTENTIAL FREE CONTACT	MICRO SWITCH, POTENTIAL FREE CONTACT			
		12 VDC,230 VAC	12 VDC,230 VAC			
	RESET	FRONT AND BACK	FRONT AND BACK			
	SUPPLY	INBUILT SENSOR SUPPLY	INBUILT SENSOR SUPPLY			
CONTROL OUTPUT	RELAY	N.A.	5A@230 VAC			
	NO.OF OUTPUT	N.A.	UP TO TWO			
FEATURES	RESET TYPE	MANUAL	AUTO/MANUAL			
	MEMORY	NON VOLATILE	NON VOLATILE			
	RANGE	0-999999, SEC/MIN/HOUR	0-9999, SEC/MIN/HOUR			
	TIME DIRECTION	UP/DOWN	UP/DOWN			
	TIMER MODE	N.A.	ON DELAY,OFF DELAY			
ALARM	TYPE	N.A.	RELAY			
	NOS.	N.A.	MAX.2 NOS.			
	MODE	N.A.	HIGH ,LOW			
GENERAL	SUPPLY VOLTAGE	230 VAC (+/-10%)@ 50 Hz	230 VAC (+/-10%)@ 50 Hz			
	TEMP. OPERATING	0 TO 55°C	0 TO 55°C			
	TEMP. STORAGE	(-20°C) TO 70°C	(-20°C) TO 70°C			
	HUMIDITY	95% RH	95% RH			
	MODEL	SIZE (HXWXD) *	MODEL	SIZE (HXWXD) *	MODEL	SIZE (HXWXD) *
	RTT-100	96X96X65	RPT-9644	96X96X55 & 90	RCT-900	96X96X55 & 90
	RTT-200	72X72X65	RPT-7244	72X72X110	RCT-700	72X72X110
	RTT-300	48X96X65				

* All dimensions are in mm.

Programmable Timers



MODEL	RST-9644	RTHT-XX31	RTT-X00			
DESCRIPTION	SEQUENTIAL TIMER	MULTI RANGE TIMER	THUMBWHEEL TIMER			
DISPLAY	UPPER	7 SEGMENT RED LED	7 SEGMENT RED LED			
	LOWER	7 SEGMENT GREEN LED	N.A.			
	LED INDICATION	OUTPUT	OUTPUT			
DIGIT	UPPER	4 DIGITS SHOWS TIME	3 DIGIT (TOTAL TIME)			
	LOWER	4 DIGITS RELAY STATUS	N.A.			
INPUT	TYPE	NPN/PNP PROXIMITY	POWER ON START			
		MICRO SWITCH, POTENTIAL FREE CONTACT	N.A.			
	RESET	FRONT AND BACK	FROUNT			
	SUPPLY	INBUILT SENSOR SUPPLY	N.A.			
CONTROL OUTPUT	RELAY	5A@230 VAC	5A@230 VAC			
	NO.OF OUTPUT	UP TO TEN	ONE			
FEATURES	RESET TYPE	AUTO/MANUAL	MANUAL			
	MEMORY	NON VOLATILE	N.A.			
	RANGE	0-9999, SEC/MIN/HOUR	0-99.9/999, SEC/MIN			
	TIME DIRECTION	UP/DOWN	UP/DOWN			
	TIMER MODE	DELAY ON	DELAYED ON			
ALARM	TYPE	N.A.	RELAY			
	NOS.	N.A.	MAXIMUM 2 NOS.			
	MODE	N.A.	HIGH ,LOW			
GENERAL	SUPPLY VOLTAGE	230 VAC (+/-10%)@ 50 Hz	230 VAC (+/-10%)@ 50 Hz			
	TEMP. OPERATING	0 TO 55°C	0 TO 55°C			
	TEMP. STORAGE	(-20°C) TO 70°C	(-20°C) TO 70°C			
	HUMIDITY	95% RH	95% RH			
	MODEL	SIZE (HXWXD)*	MODEL	SIZE (HXWXD)*	MODEL	SIZE (HXWXD)*
	RST-9644	96X96X90	RTHT-9631	96x96x55	RTT-900	96X96X90
	RST-4840	48X96X110	RTHT-7231	72x72x55	RTT-700	72X72X110

* All dimensions are in mm.

Rate Indicators / Controllers



MODEL NO.	RI-X00	RC-X00	RSI-XX44			
DESCRIPTION	RPM INDICATOR	RPM CONTROLLER	SPEED INDICATOR/CONTROLLER			
DISPLAY	UPPER	7 SEGMENT RED LED	7 SEGMENT RED LED			
	LOWER	N.A.	7 SEGMENT GREEN LED			
DIGIT	UPPER	4-DIGIT	4-DIGIT			
	LOWER	N.A.	N.A.			
INPUT	SENSOR TYPE	NPN/PNP PROXIMITY	NPN/PNP PROXIMITY			
	INPUT TYPE	PROXIMITY SWITCH, POTENTIAL FREE CONTACT	PROXIMITY SWITCH, POTENTIAL FREE CONTACT			
	INPUT SPEED	500 Hz	500 Hz			
	SUPPLY	INBUILT SENSOR SUPPLY	INBUILT SENSOR SUPPLY			
CONTROL OUTPUT	RELAY	N.A.	N.A.			
	NO.OF OUTPUT	N.A.	N.A.			
FEATURES	MEMORY	NON VOLATILE	NON VOLATILE			
	RANGE	0-9999 RPM	0-9999 RPM			
GENERAL	SUPPLY VOLTAGE	230 VAC (+/-10%)@ 50 Hz	230 VAC (+/-10%)@ 50 Hz			
	TEMP. OPERATING	0 TO 55°C	0 TO 55°C			
	TEMP. STORAGE	(-20°C) TO 70°C	(-20°C) TO 70°C			
	HUMIDITY	95% RH	95% RH			
	MODEL NO.	SIZE (HXWXD)*	MODEL NO.	SIZE (HXWXD)*	MODEL NO.	SIZE (HXWXD)*
	RRI-100	96X96X65	RRC-100	96X96X65	RSI-9644	96X96X65
	RRI-200	72X72X65	RRC-200	72X72X65	RSI-7244	72X72X65
	RRI-300	48X96X65				
	RRI-400	48X48X72				

* All dimensions are in mm.

Single Phase Panel Meters



DESCRIPTION		DIGITAL VOLT METER	DIGITAL AMP.METER	DIGITAL AMPVOLT
MODEL NO.		VM-X00	AM-X00	VA-100
DISPLAY	UPPER	7 SEGMENT LED DISPLAY	7 SEGMENT LED DISPLAY	7 SEGMENT RED LED
	LOWER	N.A.	N.A.	7 SEGMENT RED LED
	LED INDICATION	N.A.	N.A.	V,KV & A,KA
DIGIT	UPPER	4 DIGIT	4 DIGIT	3 DIGIT FOR VOLT
	LOWER	N.A.	N.A.	3 DIGIT FOR AMP.
INPUT	CT PRIMARY	N.A.	5-5000 A PROGRAMMABLE	5-5000 A PROGRAMMABLE
	DISPLAY RANGE	0-350.0 VAC	5-5000 A	0-350.0 VAC
		N.A.	N.A.	0-999 AMP.
	INPUT RANGE	0-350.0 VAC	50 mA TO 5AMP/45-55 Hz	0-350.0 VAC
		N.A.	N.A.	AMP:50 mA TO 5AMP/45-55 Hz
	METHOD	TRUE RMS	TRUE RMS	TRUE RMS
	ACCURACY	(+/-).5% OF F.S.	(+/-).5% OF F.S.	(+/-).5% OF F.S.
	RESOLUTION	1 VOLT AC	0.01 A TO 1 A Depending on range	1 VOLT AC
N.A.		N.A.	0.01 A TO 1 A Depending on range	
SAMPLING RATE	3 SAMPLE/SECOND	3 SAMPLE/SECOND	3 SAMPLE/SECOND	
GENERAL	SUPPLY VOLTAGE	230 VAC (+/-10%)@ 50 Hz	230 VAC (+/-10%)@ 50 Hz	230VAC (+/-10%)@ 50 Hz
	POWER CONSUMPTION	LESS THAN 2VA	LESS THAN 2VA	LESS THAN 2VA
	OPERATING TEMPERATURE	0-55°C	0-55°C	0-55°C
	STORAGE TEMPERATURE	(-20)°C TO 70°C	(-20)°C TO 70°C	(-20)°C TO 70°C
	HUMIDITY	Up to 90%RH	Up to 90%RH	Up to 90%RH
	CONNECTOR / CABLE SIZE	SCREW TERMINALS / CABLE-2.5MM SQ.MAX	SCREW TERMINALS / CABLE-2.5MM SQ.MAX	SCREW TERMINALS / CABLE-2.5MM SQ.MAX
		MODEL SIZE (HXWXD)*	MODEL SIZE (HXWXD)*	MODEL SIZE (HXWXD)*
	AM-100 96X96X65	VM-100 96X96X65	VA-100 96X96X65	
	AM-200 72X72X65	VM-200 72X72X65		
	AM-300 48X96X65	VM-300 48X96X65		
	AM-400 48X48X72	VM-400 48X48X72		

* All dimensions are in mm.

Three Phase Panel Meters



MODEL NO.		VAF-300	AM-103	VM-103
DESCRIPTION		VAF METER	THREE PHASE AMP. METER	THREE PHASE VOLT METER
DISPLAY	DISPLAY PARAMETER	VOLTAGE, AMPERE, FREQUENCY	AMPERE	VOLTAGE
	DISPLAY TYPE	7 segment LED Display (.56")	7 segment LED Display (.56")	7 segment LED Display (.56")
	PARAMETER INDICATION	LED's for all measured parameter	LED's for A & KA.	LED's for V & KV
	DISPLAY SCROLLING	Auto/manual	N.A.	N.A.
	CT PRIMARY	5-5000A PROGRAMMABLE	5-5000A PROGRAMMABLE	N.A.
	DISPLAY RANGE	VOLT:0-750V,AMP:0-999A,FREQUENCY:0-50.0 Hz	AMP:0-999A	VOLT:0-750V
DIGIT	DISPLAY DIGIT	Voltage-3 digit, Amp.-3 digit, Freq.-3 digit	AMPERE - 3 DIGIT	VOLTAGE - 3 DIGIT
	INPUT RANGE	3 Phase-4 wire, 1 phase 2 wire	3 Phase-4 wire, 1 phase 2 wire	3 Phase-4 wire, 1 phase 2 wire
INPUT	VOLTAGE-FOR VOLT METER	0-350 VAC/-750 VAC AS PER MODEL	N.A.	0-350 VAC/-750 VAC AS PER MODEL
	VOLTAGE - FOR FREQ.	20% TO 100% OF VOLTAGE INPUT RANGE	N.A.	N.A.
	CURRENT-FOR AMPMETER	0-999 A	0-999 A	N.A.
	CURRENT-INTERNAL CT	0-5 Amps.	0-5 Amps.	N.A.
	FREQUENCY	45-55 Hz	N.A.	N.A.
	METHOD	TRUE RMS	TRUE RMS	TRUE RMS
	ACCURACY	VOLT & AMP: (+/-)0.5% OF F.S FREQUENCY: 0.05Hz	AMP: (+/-)0.5% OF F.S.	VOLT: (+/-)0.5% OF F.S.
	RESOLUTION	VOLTAGE :1 VAC, AMP :0.01 A TO 1 A Depending on range FREQUENCY :0.05HZ"	AMP : 0.01 A TO 1 A Depending on range	VOLTAGE: 1 VAC,
	SAMPLING RATE	3 SAMPLE / SECOND	3 SAMPLE / SECOND	3 SAMPLE / SECOND
	SUPPLY VOLTAGE	230 VAC (+/-10%)@ 50 Hz	230 VAC (+/-10%)@ 50 Hz	230 VAC (+/-10%)@ 50 Hz
GENERAL	POWER CONSUMPTION	LESS THAN 4VA	LESS THAN 4VA	LESS THAN 4VA
	OPERATING/STORAGE TEMPERATURE	0-50°C/ -20°C TO 70°C	0-50°C/ -20°C TO 70°C	0-50°C/ -20°C TO 70°C
	HUMIDITY	Up to 90%RH	Up to 90%RH	Up to 90%RH
	CONNECTOR/CABLE SIZE	Screw terminals / Cable-2.5mm sq.max	Screw terminals / Cable-2.5mm sq.max	Screw terminals / Cable-2.5mm sq.max
	3 PHASE, 3 WIRE VPN & 3 PHASE, 4 WIRE	YES	N.A.	YES
	SIZE (HXWXD) ALL ARE IN MM	96X96X65	96X96X65	96X96X65

* All dimensions are in mm.

Multi Function Meters



MFM-300-L



MFM-344

MODEL NO.		MFM-300-L	MFM-344	
DESCRIPTION		MULTIFUNCTION WITH LCD	MULTIFUNCTION METER WITH 7 SEG.LED	
DISPLAY	DISPLAY PARAMETER	3PV,3PA,3P POWER (ACTIVE,REACTIVE,APPARENT), 3P POWERFACTOR, ENERGY(ACTIVE,REACTIVE,APPARENT)	3PV,3PA,3P POWER (ACTIVE,REACTIVE,APPARENT), 3P POWERFACTOR, ENERGY(ACTIVE,REACTIVE,APPARENT)	
	DISPLAY SCROLLING	AUTO/MANUAL	AUTO/MANUAL	
	DISPLAY TYPE	LIQUID CRYSTAL DISPLAY WITH BACKLIGHT	7 SEGMENT LED DISPLAY	
	PARAMETER INDICATION	LCD'S FOR ALL MEASURED PARAMETER	LED FOR ALL MEASURED PARAMETER	
DIGIT	DISPLAY DIGIT	4 LINE OF 16 CHARACTER	4 LINE OF 4 DIGIT	
	CT PRIMARY	5 TO 5000A PROGRAMMABLE	5 TO 5000A PROGRAMMABLE	
INPUT	DISPLAY RANGE	AS PER PARAMETER	AS PER PARAMETER	
	INPUT RANGE	3 PHASE-4 WIRE,1 PHASE 2 WIRE	4 PHASE-4 WIRE,1 PHASE 2 WIRE	
	VOLTAGE-FOR VOLT METER	0-350 VAC	0-350 VAC	
	VOLTAGE - FOR FREQ.	20% TO 100% OF VOLTAGE INPUT RANGE	20% TO 100% OF VOLTAGE INPUT RANGE	
	CURRENT-FOR AMPMETER	0-999 A	0-999 A	
	CURRENT-INTERNAL CT	0-5 Amps.	0-5 Amps.	
	FREQUENCY	45-55 Hz	45-55 Hz	
	METHOD	TRUE RMS	TRUE RMS	
	ACCURACY	VOLT & AMP:(+/-)0.5% FREQUENCY :0.05Hz	VOLT & AMP:(+/-)0.5% FREQUENCY :0.05Hz	
	RESOLUTION	VOLTAGE: 1 VAC, AMP: 0.001 A TO 1 A Depending on range FREQUENCY:0.05Hz	VOLTAGE: 1 VAC, AMP: 0.001 A TO 1 A Depending on range FREQUENCY:0.05Hz	
	SAMPLING RATE	3 SAMPLE / SECOND	3 SAMPLE / SECOND	
	COMMUNICATION	RS-485 MODBUS (MFM-300-L-C)	RS-485 MODBUS (MFM-344-C)	
	GENERAL	SUPPLY VOLTAGE	230 VAC (+/-10%)@ 50 Hz	230 VAC (+/-10%)@ 50 Hz
		POWER CONSUMPTION	less than 4VA	less than 4VA
OPERATING TEMPERATURE		0-55°C	0-55°C	
STORAGE TEMPERATURE		(-20°C) TO 70°C	(-20°C) TO 70°C	
HUMIDITY		Up to 90%RH	Up to 90%RH	
CONNECTOR/CABLE SIZE		Screw terminals/Cable-2.5mm sq.max	Screw terminals/Cable-2.5mm sq.max	
3 PHASE,3 WIRE		YES	YES	
3 PHASE,4 WIRE		YES	YES	
SIZE (HXWXD) ALL ARE IN MM		96X96X65	96X96X65	

* All dimensions are in mm.

Energy Meters



REM-300



REM-301

MODEL NO.		REM-300	REM-301	MODEL NO.		REM-300 & REM-301
DESCRIPTION		ENERGY METER	ENERGY METER	DESCRIPTION		ENERGY METER
DISPLAY	DISPLAY TYPE	7-SEGMENT LED .29"	7-SEGMENT LED .29"	SUPPLY VOLTAGE	230 VAC (+/-10%)@ 50 Hz	
DIGIT	DISPLAY DIGIT	6 DIGIT FOR EB	6 DIGIT FOR EB/ 6 DIGIT FOR DG	POWER CONSUMPTION	less than 4VA	
INPUT	MEASUREMENT	kWh	kWh	OPERATING TEMPERATURE	0-55°C	
	CT PRIMARY	5-5000 A PROGRAMMABLE	5-5000 A PROGRAMMABLE	STORAGE TEMPERATURE	(-20)°C TO 70°C	
	DISPLAY RANGE	0-999999 RANGE	0-999999 /0-999999 RANGE	HUMIDITY	Up to 90%RH	
	INPUT RANGE	3 PHASE-4 WIRE, 1 PHASE 2 WIRE	3 PHASE-4 WIRE, 1 PHASE 2 WIRE	CONNECTOR/CABLE SIZE	Screw terminals/Cable-2.5mm sq.max	
	METHOD	TRUE RMS	TRUE RMS	SIZE (HXWXD)*	96X96X65	
	ACCURACY	CLASS 1	CLASS 1			
	COMMUNICATION	RS-485 MODBUS (EM-300-C)	RS-485 MODBUS (EM-301-C)			

* All dimensions are in mm.

Power Factor Meter



PF-300

MODEL NO.		PF-300	MODEL NO.		PF-300
DESCRIPTION		POWER FACTOR METER	DESCRIPTION		POWER FACTOR METER
DISPLAY	DISPLAY TYPE	7-SEGMENT LED .56"	SUPPLY VOLTAGE	230 VAC (+/-10%)@ 50 Hz	
DIGIT	DISPLAY DIGIT	4 DIGIT	POWER CONSUMPTION	less than 4VA	
INPUT	INPUT TYPE	3 PHASE-4 WIRE, 1 PHASE 2 WIRE	OPERATING TEMPERATURE	0-55°C	
	PF MEASUREMENT RANGE	0.3 LAG - 1 - 0.3 LEAD	STORAGE TEMPERATURE	(-20)°C TO 70°C	
	INPUT VOLTAGE	240 VAC(+/- 10%)(P-N)	HUMIDITY	Up to 90%RH	
	INPUT CURRENT RANGE	20 % TO 120 % OF RATED CURRENT	CONNECTOR/CABLE SIZE	Screw terminals/Cable-2.5mm sq.max	
	OVERLOAD	1.20 TIMES MAXIMUM INPUT SIGNAL-CONTINUOUS	SIZE (HXWXD)*	96X96X65	
	COMMUNICATION	RS-485 MODBUS (PF-300-C)			

* All dimensions are in mm.