



SPECTRUM
ELECTRONIC AND CONTROL SOLUTION

Product Catalogue 2026



Smart HMI - PID Temperature Controller - Digital Timer - Digital Counter - Process Controller - Power & Energy Meters - Photo Control Instruments - Customized Solutions



Spectrum Why Spectrum?

We at "Spectrum" are committed to provide best Industrial Products with best solution to the users in Industrial Automation using right Controls and Software to achieve a competitive edge in a rapidly changing world. Our reputation for quality, reliability and innovation is represented by the brands our products & services carry. As we increase our offerings, we remain keenly focussed on enhancing our unique technology differentiation and delivering integrated, value-added solutions. Today Spectrum is having wide experience in Industrial sector to supply highly efficient and robust electronic and industrial devices with effective solution. Within this many short but highly productive journey Spectrum has build trust in the area of Process Industries with it's electronic and industrial devices with the industrial solutions. Our business covers consultancy, Engineering, Manufacturing, Installation & Commissioning. To Supply and Execute Control Systems in areas of Process Companies, choose Spectrum for the most comprehensive solutions for industrial automation and for electronic devices in various segments like Temperature controller, Timer, Counter, Energy meters, Process Control Instruments, Customized Solutions and etc.

Spectrum Quality Policy

At Spectrum, We Believe Quality Is Predominant, Which Leads The Way To Achieve And Exceed Customer Satisfaction Through Continual Improvement In Our Processes, Products, And Services. The Driving Force Of Spectrum Excels Through Our Commitment To Exceed The Expectations Of All Our Stakeholders And To Create Lifelong Connections.

Spectrum Vision

To Become Highly Valued And Trusted Brand Through Our Innovative And Modern Products Created By The Advanced Technology, Unmatched Product Price And Unequivocal Customer Query Resolution Achieved Via After Sales Services.

Spectrum Mission

We Strive To Provide The Best Quality Products And Services With Goal Of Creating Lifelong Customer Relationship.



Spectrum Application

Spectrum offers range of quality products namely Temperature Controller, Digital Timer, Digital Counter, Process Controller, Power & Energy meters and customized solutions for the numerous electronic device requirements.

Our range of instruments have many industrial applications & solutions ranging from small scale industries to the large scale ones. Which incorporates,

- ▶ Packaging Industries
- ▶ Extrusion industries
- ▶ Food Industries
- ▶ Textile Industries
- ▶ Manufacturing Industries
- ▶ Pharmaceutical
- ▶ Lab testing equipment
- ▶ Process industries and many more.



- ▶ **Temperature Controller1**
 - Dual Output PID – Full Featured
 - Single Output Auto Tuned PID
 - Dual Output Autotuned PID
 - Single Output Fixed Input
 - Single Output Autotuned PID – Fixed Input
 - Single Output Fixed Input Blind
 - Single Output Fixed Input Push To Set
 - Indicators

- ▶ **Digital Timer9**
 - Single Input / Single Output Economy
 - Single Output Universal Timer
 - Double Output Universal Timer
 - Multi Output / Single Input
 - Thumb Wheel Timer Full Features
 - Thumb Wheel Timer

- ▶ **Digital Counter15**
 - Length Counter
 - Batch Counter
 - Count Totalizer
 - Programable Counter
 - RPM Meter

- ▶ **Energy Meter20**
 - AC Volt Meter
 - AC AMP Meter
 - Dual Volt + AMP Meter

- ▶ **Process Instruments23**
 - Process Indicators

- ▶ **Application Based Instruments24**
 - Photo Control Panel
 - Digital Timer + Counter Economy
 - Vibrator Controller
 - Cotton Wick
 - Hydraulic Timer(I94P)
 - Hydraulic Timer(I93P)
 - Panel For Hydraulic Machine(ST-1)
 - Panel For Hydraulic Machine(ST-2)



G42Y



G72Y



G92Y

Model	Size	Panel Cutout	Display
G42Y	48x48	45x45	Upper : 7 Segment, 4 Digit, 0.39", Red LED for Process Value Lower : 7 Segment, 4 Digit, 0.28", Green LED for Set Value
G72Y	72x72	68x68	Upper : 7 Segment, 4 Digit, 0.56", Red LED for Process Value Lower : 7 Segment, 4 Digit, 0.39", Green LED for Set Value
G92Y	96x96	92x92	

Specification

Inputs	Sensor : J/K/PT.100 (2W/ 3W) Configurable Range : J(0-600) K(0-1200), Pt-1002W/3W(-99-400, -99.9 to 400.0) Degree Celsius
Outputs	Output 1 : 1- Relay, Output 2 : 1- Relay, Rating : 1C / O , 5A, 230 Vac SSR/Buzzer : 12V DC (30 mA DC) Approximately (Factory Set)
Set Point	2 Set Points
Control Action	Auto Tune PID /TP/ On-Off Configurable
Operating Mode	Set 1 (Heating ,Cooling, High Alarm, Low Alarm, Inband, Outband) Set 2 (Heating ,Cooling, High Alarm, Low Alarm, Inband, Outband, End Alarm)
Supply	G42Y : 100-250 Vac/DC, 50/60Hz , SMPS, Other : 230Vac 50 Hz LPS
Accuracy	± 1% of FSD
Relative Humidity	J&K 1°C Fix, Pt-100 2W/3W 1°C/0.1°C
Resolution	ABS Polycarbonate
Body Type	0 to 55 Degree Celsius
Operating Temp	Up to 95% RH Non Condensing



G41X



G71X



G91X

Model	Size	Panel Cutout	Display
G41X	48x48	45x45	Upper : 7 Segment, 4 Digit, 0.39", Red LED for Process Value Lower : 7 Segment, 4 Digit, 0.28", Green LED for Set Value
G71X	72x72	68x68	Upper : 7 Segment, 4 Digit, 0.56", Red LED for Process Value Lower : 7 Segment, 4 Digit, 0.39", Green LED for Set Value
G91X	96x96	92x92	

Specification

Inputs	Sensor : J/K/PT.100 (2W/ 3W) Configurable Range : J(0-600) K(0-1200), Pt-1002W/3W(-99 to 400, -99.9 to 400.0) Degree Celsius
Outputs	Output : 1- Relay, Rating : 1C / O , 5A, 230 Vac SSR/Buzzer : 12V DC (30 mA DC) Approximately (Factory Set)
Set Point	1 Set Points
Control Action	Auto Tune PID / On-Off Configurable
Operating Mode	Heating
Supply	G41X : 100-250 Vac/DC, 50/60Hz , SMPS Other : 230Vac 50 Hz LPS
Accuracy	± 1% of FSD
Relative Humidity	J&K 1°C Fix, Pt-100 2W/3W 1°C/0.1°C
Resolution	ABS Polycarbonate
Body Type	0 to 55 Degree Celsius
Operating Temp	Up to 95% RH Non Condensing





G42X



G72X



G92X

Model	Size	Panel Cutout	Display
G42X	48x48	45x45	Upper : 7 Segment, 4 Digit, 0.39", Red LED for Process Value Lower : 7 Segment, 4 Digit, 0.28", Green LED for Set Value
G72X	72x72	68x68	Upper : 7 Segment, 4 Digit, 0.56", Red LED for Process Value Lower : 7 Segment, 4 Digit, 0.39", Green LED for Set Value
G92X	96x96	92x92	

Specification

Inputs	Sensor : J/K/PT.100 (2W/ 3W) Configurable Range : J(0-600) K(0-1200), Pt-1002W/3W(-99 to 400, -99.9 to 400.0) Degree Celsius
Outputs	Output 1 : 1- Relay, Output 2 : 1- Relay, Rating : 1C / O , 5A, 230 Vac SSR/Buzzer : 12V DC (30 mA DC) Approximately (Factory Set)
Set Point	2 Set Points
Control Action	Auto Tune PID / TP / On-Off Configurable
Operating Mode	Set 1 (Heating), Set 2 (Cooling)
Supply	G41X : 100-250 Vac/DC, 50/60Hz , SMPS, Other : 230Vac 50 Hz LPS
Accuracy	± 1% of FSD
Relative Humidity	J&K 1°C Fix, Pt-100 2W/3W 1°C/0.1°C
Resolution	ABS Polycarbonate
Body Type	0 to 55 Degree Celsius
Operating Temp	Up to 95% RH Non Condensing





G41E



G71E



G91E

Model	Size	Panel Cutout	Display
G41E	48x48	45x45	Upper :7 Segment, 4 Digit, 0.56", Red LED
G71E	72x72	68x68	
G91E	96x96	92x92	

Specification

Inputs	Sensor : J/K/PT.100 (2W/ 3W) Factory Set Range : J(0-600), K(0-1200), Pt-100(2W/3W) (0-400) Degree Celsius
Outputs	Output : 1- Relay, Rating : 1C / O , 5A, 230 Vac SSR/Buzzer : 12V DC (30 mA DC) Approximately (Factory Set)
Set Point	1 Set Points
Control Action	On-Off / TP Configurable
Operating Mode	Heat/Cool (Configurable)
Supply	230V AC 50 Hz LPS
Accuracy	± 1% of FSD
Relative Humidity	J&K 1°C Fix, Pt-100 2W/3W 1°C/0.1°C
Resolution	ABS Polycarbonate
Body Type	0 to 55 Degree Celsius
Operating Temp	Up to 95% RH Non Condensing



G41P



G71P



G91P

Model	Size	Panel Cutout	Display
G41P	48x48	45x45	Upper :7 Segment, 4 Digit, 0.56", Red LED
G71P	72x72	68x68	
G91P	96x96	92x92	

Specification

Inputs	Sensor : J/K/PT.100 (2W/ 3W) Factory Set Range : J(0-600), K(0-1200), Pt-100(2W/3W) (0-400) Degree Celsius
Outputs	Output : 1- Relay, Rating : 1C / O , 5A, 230 Vac SSR/Buzzer : 12V DC (30 mA DC) Approximately (Factory Set)
Set Point	1 Set Points
Control Action	PID Auto tune / On-Off Configurable
Operating Mode	Heat/Cool (Configurable)
Supply	230V AC 50 Hz LPS
Accuracy	± 1% of FSD
Resolution	J&K 1°C Fix, Pt-100 2W/3W 1°C/0.1°C
Body Type	ABS Polycarbonate
Operating Temp	0 to 55 Degree Celsius
Relative Humidity	Up to 95% RH Non Condensing



G71B



G91B

Model	Size	Panel Cutout	Display
G71B	72x72	68x68	
G91B	96x96	92x92	

Specification

Inputs	Sensor : J / K (2W/ 3W) Factory Set Range : J(0-400), K(0-1200), Degree Celsius
Outputs	Output : 1- Relay, Rating : 1C / O , 5A, 230 Vac
Set Point	1 Set Points
Control Action	TP / On-Off (Factory Set)
Operating Mode	Heating
Supply	230V AC, 50 Hz LPS or 240V DC
Accuracy	± 1% of FSD
Relative Humidity	J&K 1°C Fix, Pt-100 2W/3W 1°C/0.1°C
Resolution	ABS Polycarbonate
Body Type	0 to 55 Degree Celsius
Operating Temp	Up to 95% RH Non Condensing



G71S



G91S

Model	Size	Panel Cutout	Display
G71S	72x72	68x68	7 Segment, 4 Digit, 0.56", Red LED
G91S	96x96	92x92	

Specification

Inputs	Sensor : J / K / PT.100 (2W/ 3W) Factory Set Range : J(0-400), K(0-1200), Pt-1002W/3W(0-400) Degree Celsius
Outputs	Output : 1- Relay, Rating : 1C / O , 5A, 230 Vac SSR/Buzzer : 12V DC (30 mA DC) Approximately (Factory Set)
Set Point	1 Set Points
Control Action	TP / On-Off (Factory Set)
Operating Mode	Heating
Supply	230V AC 50 Hz LPS
Accuracy	± 1% of FSD
Relative Humidity	J&K 1°C Fix, Pt-100 2W/3W 1°C/0.1°C
Resolution	ABS Polycarbonate
Body Type	0 to 55 Degree Celsius
Operating Temp	Up to 95% RH Non Condensing



G40I



G70I



G90I

Model	Size	Panel Cutout	Display
G40I	48x48	45x45	Upper : 7 Segment, 4 Digit, 0.56", Red LED
G70I	72x72	68x68	
G90I	96x96	92x92	

Specification

Inputs	Sensor : J / K Or PT.100 (2W/ 3W) Factory Set Range : J(0-400), K(0-1200), PT.1002W/ 3W(0-400) Degree Celsius
Outputs	Output : 1- Relay, Rating : 1C / O , 5A, 230 Vac
Supply	230V AC 50 Hz LPS
Accuracy	± 1% of FSD
Resolution	J&K 1°C Fix, Pt-100 2W/3W 1°C/0.1°C
Body Type	ABS Polycarbonate
Operating Temp	0 to 55 Degree Celsius
Relative Humidity	Up to 95% RH Non Condensing



I41E

Model	Size	Panel Cutout	Display
I41E	48x48	45x45	4D Module, 7 Segment, 4 Digit, 0.56", Red LED For Time

Specification

Inputs	Start Pulse : Micro switch/Limit Switch Type : Power ON/ Eable /Trigger
Range	Sec : 0 ~ 9.999/999.9/9999 Sec Min : 0 ~ 99.59/999.9/9999 Min/Sec Hr : 0 ~ 99.59/999.9/9999 Hr/Min
Outputs	Output : 1 – Relay, Rating : 1C / O , 10A, 230 Vac
Set Point	1 Set Point : Delayed ON / Instant ON Configurable, 2 Set Point : Cyclic Mode
Counting Direction	Up/Down Configurable
Memory	Memory Retention Configurable
Reset	Auto/ Manual Reset facility from Front & Back
Supply	230V AC, 50 Hz Linear
Body Type	ABS Polycarbonate
Operating Temp	0 to 55 Degree Celsius
Relative Humidity	Up to 95% RH Non Condensing



I41X



I71X



I91X

Model	Size	Panel Cutout	Display
I41X	48x48	45x45	Upper : 7 Segment, 4 Digit, 0.39", Red LED for Timer Value Lower : 7 Segment, 4 Digit, 0.28", Green LED for Set Time
I71X	72x72	68x68	Upper : 7 Segment, 4 Digit, 0.56", Red LED For Time Lower : 7 Segment, 4 Digit, 0.39", Green LED For Set Time
I91X	96x96	92x92	

Specification

Inputs	Start Pulse : Proxy/Micro switch/Limit Switch, Type : Power ON/ Eable /Trigger
Range	Sec : 0 ~ 9.999/999.9/9999 Sec Min : 0 ~ 99.59/999.9/9999 Min/Sec Hr : 0 ~ 99.59/999.9/9999 Hr/Min
Outputs	Output : 1 – Relay, Rating : 1C / O , 5A, 230 Vac SSR/Buzzer : 12V DC (30m A DC) Approximately (Factory Set)
Set Point	1 Set Point : Delayed ON / Instant ON Configurable, 2 Set Point : Cyclic Mode
Cyclic Mode	Up/Down Configurable
Memory	Memory Retention Configurable
Reset	Auto/ Manual Reset facility from Front & Back
Supply	230V AC, 50 Hz Linear
Body Type	ABS Polycarbonate
Operating Temp	0 to 55 Degree Celsius
Relative Humidity	Up to 95% RH Non Condensing





I42X



I72X



I92X

Model	Size	Panel Cutout	Display
I42X	48x48	45x45	Upper : 7 Segment, 4 Digit, 0.39", Red LED for Timer Value Lower : 7 Segment, 4 Digit, 0.28", Green LED for Set Time
I72X	72x72	68x68	Upper : 7 Segment, 4 Digit, 0.56", Red LED For Time Lower : 7 Segment, 4 Digit, 0.39", Green LED For Set Time
I92X	96x96	92x92	

Specification

Inputs	Start Pulse : Proxy/Micro switch/Limit Switch, Type : Power ON/ Eable /Trigger
Range	Sec : 0 ~ 9.999/999.9/9999 Sec Min : 0 ~ 99.59/999.9/9999 Min/Sec Hr : 0 ~ 99.59/999.9/9999 Hr/Min
Outputs	Output : 2- Relay, Rating : 1C / O , 5A, 230 Vac SSR/Buzzer : 12V DC (30m A DC) Approximately (Factory Set)
Operating Mode	Forward – Reverse Mode, Cyclic Mode, Combinational Mode, Sequential Mode
Counting Direction	Up/Down Configurable
Memory	Memory Retention Configurable
Reset	Auto/ Manual Reset facility from Front & Back
Supply	230V AC, 50 Hz Linear
Body Type	ABS Polycarbonate
Operating Temp	0 to 55 Degree Celsius
Relative Humidity	Up to 95% RH Non Condensing





I92X



I94X

Model	Size	Panel Cutout	Display
I92X	96x96	92x92	Upper : 7 Segment, 4 Digit, 0.56", Red LED For Time Lower : 7 Segment, 4 Digit, 0.39", Green LED For Set Time
I94X	96x96	92x92	

Specification

Inputs	Start Pulse : Micro switch/Limit Switch Type : Power ON/ Eable /Trigger
Range	Sec : 0 ~ 9.999/999.9/9999 Sec Min : 0 ~ 99.59/999.9/9999 Hr/Min Hr :0 ~ 99.59/999.9/9999 Min/Sec
Outputs	Output : 2-Relay / 4- Relay, Rating : 1C / O , 10A, 230 Vac
Operating Mode	Semi and Auto
Memory	Memory Retention Configurable
Supply	230V AC, 50 Hz Linear
Body Type	ABS Polycarbonate
Operating Temp	0 to 55 Degree Celsius
Relative Humidity	Up to 95% RH Non Condensing



Model	Size	Panel Cutout	Display
I7TX	72x72	68x68	7 Segment, 3 Digit, 0.56", Red LED
I9TX	96x96	92x92	

Specification

Inputs	Start Pulse at Back
Range	0-99.9/0-999 Min/Sec Configurable
Outputs	Output : 1- Relay, Rating : 1C / O , 10A, 230 Vac
Operating Mode	Up/Down Configurable
Counting Direction	Up/Down Configurable
Memory	Memory Retention Configurable
Reset	Auto/ Manual Reset facility from Front & Back
Supply	230V AC, 50 Hz Linear
Body Type	ABS Polycarbonate
Operating Temp	0 to 55 Degree Celsius
Relative Humidity	Up to 95% RH Non Condensing



I7TB



I9TB

Model	Size	Panel Cutout	Display
I7TB	72x72	68x68	7 Segment, 3 Digit, 0.56", Red LED
I9TB	96x96	92x92	

Specification

Inputs	Power ON Start
Range	0-99.9/0-999 Min/Sec Configurable
Outputs	Output : 1- Relay, Rating : 1C / O , 10A, 230 Vac SSR/Buzzer : 12V DC (30 mA DC) Approximately (Factory Set)
Set Point	Single Set Point
Reset	Auto/ Manual Reset facility at Back
Supply	230V AC, 50 Hz Linear
Body Type	ABS Polycarbonate
Operating Temp	0 to 55 Degree Celsius
Relative Humidity	Up to 95% RH Non Condensing



H71L



H91L

Model	Size	Panel Cutout	Display
H71L	72x72	68x68	Upper : 7 Segment, 6 Digit, 0.39", Red LED for Meter Lower : 7 Segment, 4 Digit, 0.39", Green LED for Meter Per Minute
H91L	96x96	92x92	Upper : 7 Segment, 6 Digit, 0.56", Red LED for Meter Lower : 7 Segment, 4 Digit, 0.39", Green LED for Meter Per Minute

Specification

Inputs	NPN/PNP Proximity Switch(Configurable)/ Encoder (Factory Set)
Range	0-999999.9 / 0-999999 Meter Configurable
Outputs	Output : 1- Relay, Rating : 1C / O , 5A, 230 Vac SSR/Buzzer : 12V DC Approximately (Factory Set)
Set Point	Single Set Point
Diameter Range	0-9999.99 (H41L 0-999.99)
Auto time Range	99.9 Sec
Memory	Memory Retention for Power failure
Reset	Auto/ Manual Reset facility from Front & Back
Supply	230V AC, 50 Hz Linear
Body Type	ABS Polycarbonate
Operating Temp	0 to 55 Degree Celsius
Relative Humidity	Up to 95% RH Non Condensing



H71B



H91B

Model	Size	Panel Cutout	Display
H71B	72x72	68x68	Upper : 7 Segment, 6 Digit, 0.39", Red LED for Meter Lower : 7 Segment, 4 Digit, 0.39", Green LED for Meter Per Minute
H91B	96x96	92x92	Upper : 7 Segment, 6 Digit, 0.56", Red LED for Meter Lower : 7 Segment, 4 Digit, 0.39", Green LED for Meter Per Minute

Specification

Inputs	NPN/PNP Proximity Switch/Micro Switch(Configurable)
Range	Upper display Range : (0-999999 Total Count) Lower display Range : (0-9999 Set Count)
Outputs	Output : 1- Relay, Rating : 1C / O , 5A, 230 Vac SSR/Buzzer : 12V DC Approximately (Factory Set)
Set Point	Single Set Point
Auto time Range	99.9 Sec
Memory	Volatile Memory
Reset	Auto/ Manual Reset facility from Front & Back
Supply	230V AC, 50 Hz Linear
Body Type	ABS Polycarbonate
Operating Temp	0 to 55 Degree Celsius
Relative Humidity	Up to 95% RH Non Condensing





H70T



H90T

Model	Size	Panel Cutout	Display
H70T	72x72	68x68	7 Segment, 6 Digit, 39", Red LED for Total Count
H90T	96x96	92x92	7 Segment, 6 Digit, 56", Red LED for Total Count

Specification

Inputs	NPN/PNP Proximity Switch/Micro Switch(Configurable) with Freq 80Hz
Range	(0~999999 Count)
Memory	Non Volatile Memory
Reset	Manual Reset facility from Front
Supply	230V AC, 50 Hz Linear
Body Type	ABS Polycarbonate
Operating Temp	0 to 55 Degree Celsius
Relative Humidity	Up to 95% RH Non Condensing



H71P



H91P

Model	Size	Panel Cutout	Display
H71P	72x72	68x68	Upper : 7 Segment, 4 Digit, 0.39", Red LED for Meter Lower : 7 Segment, 4 Digit, 0.39", Green LED for Meter Per Minute
H91P	96x96	92x92	Upper : 7 Segment, 4 Digit, 0.56", Red LED for Meter Lower : 7 Segment, 4 Digit, 0.39", Green LED for Meter Per Minute

Specification

Inputs	NPN/PNP Proximity Switch/Micro Switch(Configurable)
Range	0-9999 Count
	Output : 1- Relay, Rating : 1C / O , 5A, 230 Vac SSR/Buzzer : 12V DC (30m A DC) Approximately (Factory Set)
Set Point	Single Set Point
Auto time Range	99.9 Sec(Configurable)
Count Direction	Up / Down Counting Factory set
Memory	Non Volatile Memory
Reset	Auto/ Manual Reset facility from Front & Back
Supply	230V AC, 50 Hz Linear H41P : 100-250 ~Ac/Dc, 50Hz/60Hz, SMPS
Body Type	ABS Polycarbonate
Operating Temp	0 to 55 Degree Celsius
Relative Humidity	Up to 95% RH Non Condensing



H70R



H90R

Model	Size	Panel Cutout	Display
H70R	72x72	68x68	7 Segment, 4 Digit, 39", Red LED for Total Count
H90R	96x96	92x92	7 Segment, 4 Digit, 56", Red LED for Total Count

Specification

Inputs	NPN/PNP Proximity Switch
Frequency	80 Hz
Range	4~5000 RPM
Supply	230V AC, 50 Hz Linear
Body Type	ABS Polycarbonate
Operating Temp	0 to 55 Degree Celsius
Relative Humidity	Up to 95% RH Non Condensing





V70B



V90B

Model	Size	Panel Cutout	Display
V70B	72x72	68x68	7 Segment, 3 Digit, 0.56", Red LED
V90B	96x96	92x92	

Specification

Inputs	AC Volt
Range	0-500 Vac
Accuracy	Class 1.0
Supply	230V AC, 50 Hz Linear
Body Type	ABS Polycarbonate
Operating Temp	0 to 55 Degree Celsius
Relative Humidity	Up to 95% RH Non Condensing



A70B



A90B

Model	Size	Panel Cutout	Display
A70B	72x72	68x68	7 Segment, 3 Digit, 0.56", Red LED
A90B	96x96	92x92	

Specification

Inputs	AC Amp (Up to 5Amp)
Range	CT Selection Upto 2000 / 5 Amp
Accuracy	Class 1.0
Supply	230V AC, 50 Hz Linear
Body Type	ABS Polycarbonate
Operating Temp	0 to 55 Degree Celsius
Relative Humidity	Up to 95% RH Non Condensing



V70A

Model	Size	Panel Cutout	Display
V70A	72x72	68x68	7 Segment, 3 Digit, 0.56", Red LED

Specification

Inputs	AC Amp (Up to 5Amp) & AC Volt
Range	AC Amp : CT Selection Up to 2000 / 5 Amp AC Volt : 0 ~ 500 Vac
Accuracy	Class 1.0
Supply	230V AC, 50 Hz Linear
Body Type	ABS Polycarbonate
Operating Temp	0 to 55 Degree Celsius
Relative Humidity	Up to 95% RH Non Condensing



P70X

Model	Size	Panel Cutout	Display
P70X	72x72	68x68	7 Segment, 4 Digit, 0.56", Red LED for Process value

Specification

Inputs	0 ~ 10 VDC / 0 ~ 20 mADC / 4 ~ 20 mADC (Configurable)
Range	-999 to 9999
Parameter	Correction Factor / Offset / Filter Time
Accuracy	1% of FSD
Supply	230V AC, 50 Hz Linear Or 12V DC Or 24V DC
Body Type	ABS Polycarbonate
Operating Temp	0 to 55 Degree Celsius
Relative Humidity	Up to 95% RH Non Condensing



CP91X

Model	Size	Panel Cutout	Display
CP91X	192x96	188x92	Upper : 7 Segment, 6 Digit, 0.56", Total Count Lower : 7 Segment, 2 Digit, 0.56", Time in ms (0-99)

Specification

Inputs	NPN proximity switch Color mark sensor
Range	0-999999 Count
Supply	110 V AC, 50Hz Linear
Output	2 Output for Forward and Reverse winding 2A, 110 VAC
Body Type	ABS Polycarbonate
Operating Temp	0 to 55 Degree Celsius
Relative Humidity	Up to 95% RH Non Condensing



C72I-1



C72I-2

Model	Size	Panel Cutout	Display
C72I-1	72x72	68x68	Upper : 7 Segment, 4 Digit, 0.39", Red LED for Time Lower : 7 Segment, 4 Digit, 0.39", Green LED for Total Count
C72I-2	72x72	68x68	

Specification

Inputs	Start Pulse : Proxy/Micro switch/Limit Switch Type : Trigger
Range	Sec : 0 ~ 9.999/999.9/9999 Sec Min : 0 ~ 99.59/999.9/9999 Min/Sec
Outputs	Output : 1- Relay / 2-Relay, Rating : 1C / O , 10A, 230 Vac SSR/Buzzer : 12V DC (30m A DC) Approximately (Factory Set)
Operating Mode	Forward - Reverse Mode, Cyclic Mode, Individual Mode
Count Direction	Up / Down Counting Factory set
Memory	Memory Retention Configurable
Reset	Auto/ Manual Reset facility from Front & Back
Supply	230V AC, 50 Hz Linear
Body Type	ABS Polycarbonate
Operating Temp	0 to 55 Degree Celsius
Relative Humidity	Up to 95% RH Non Condensing



071V

Model	Size	Panel Cutout	Display
071V	72x72	68x68	4D Module, 7 Segment, 4 Digit, 0.56", Red LED For Time

Specification

Inputs	NPN/PNP Proximity (Selectable)
Outputs	Vibration Control output (1 to 99%) 5A
Indication	Power ON, Run, STOP
Supply	230V AC, 50 Hz Linear
Body Type	ABS Polycarbonate
Operating Temp	0 to 55 Degree Celsius
Relative Humidity	Up to 95% RH Non Condensing



I96M

Model	Size	Panel Cutout	Display
I96M	96x96	92x92	7 SEGMENT, 4 DIGIT, 0.56",RED LED

Specification

Inputs	Start Pulse : NPN Proxy/Micro switch Type : Trigger
Range	Sec : 9999 Sec
Outputs	Output : Motor Out Put Rating : 12V DC
Operating Mode	Cyclic Mode
Memory	Yes
Supply	12V DC
Body Type	ABS Polycarbonate
Operating Temp	0 to 55 Degree Celsius
Relative Humidity	Up to 95% RH Non Condensing



I94P

Model	Size	Panel Cutout	Display
I94P	96x96	92x92	UPPER:7 SEGMENT,4 DIGIT,0.56",WHITE LED LOWER: 7 SEGMENT,4 DIGIT,0.39",GREEN LED

Specification

Inputs	Start Pulse : NPN Proxy/Micro switch Type : Trigger
Range	Sec : 9999 Sec
Outputs	Output : 4 - Relay Output Rating : 1C/0,10A,230V AC
Operating Mode	Manual / Auto Mode
Memory	No
Supply	230V AC
Body Type	ABS Polycarbonate
Operating Temp	0 to 55 Degree Celsius
Relative Humidity	Up to 95% RH Non Condensing



I93P

Model	Size	Panel Cutout	Display
I93P	96x96	92x92	UPPER:7 SEGMENT,4 DIGIT,0.56",WHITE LED LOWER: 7 SEGMENT,4 DIGIT,0.39",GREEN LED

Specification

Inputs	Start Pulse : NPN Proxy/Micro switch Type : Trigger
Range	Sec : 9999 Sec
Outputs	Output : 3 - Relay Output Rating : 1C/0,10A,230V AC
Operating Mode	Manual / Auto Mode
Memory	No
Supply	230V AC
Body Type	ABS Polycarbonate
Operating Temp	0 to 55 Degree Celsius
Relative Humidity	Up to 95% RH Non Condensing



ST-1

Model	Size
ST-1	(H-W-D)(350*250*100)

Specification

Inputs	Start Pulse
Indication Light	Up, Down Motor, Blower
Outputs	Up, Down Motor, Blower Heater 1 , Heater 2
Operating Mode	Semi / Manual / Auto Mode
Supply	230V AC
Body Type	MS With Double Power Coating
Operating Temp	0 to 55 Degree Celsius
Relative Humidity	Up to 95% RH Non Condensing



ST-2

Model	Size
ST-2	(H-W-D)(405*327*120)

Specification

Inputs	Start Pulse
Indication Light	Up 1, Down 1 , Up 2, Down 2 Blower 1, Blower 2 Heater 1 , Heater 2, Heater 3, Heater 4
Outputs	Up, Up 1, Down 1 , Up 2, Down 2 Blower 1, Blower 2 Heater 1 , Heater 2, Heater 3, Heater 4
Operating Mode	Manual / Auto Mode
Supply	230V AC
Body Type	MS With Double Power Coating
Operating Temp	0 to 55 Degree Celsius
Relative Humidity	Up to 95% RH Non Condensing



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