

KALYANI INDUSTRIES

(INDUSTRIAL ENGINEERING & SERVICES)

Supply & Mfg of Industrial Electronic & Instrumentation Items

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(INDUSTRIAL ENGINEERING & SERVICES)

Supply & Repairing of Industrial Electronic & Instrumentation Items

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DC - MOTOR DRIVE

SMPS POWER SUPPLY (AC-DC)



MODEL NO:	AP-DCD96
SIZE(In mm.)	96 X 96 X 110
INPUT	PMDC OR FIELD
OUT PUT CONTACT	RELAY
OUTPUT VOLTAGE	220 V DC / 180 V DC
SUPPLY VOLTAGE	230 V AC 50 Hz
HP	1 Hp

MODEL NO:	AP-DCD72
SIZE(In mm.)	72 X 72 X 110
INPUT	PMDC OR FIELD
OUT PUT CONTACT	RELAY
OUTPUT VOLTAGE	220 V DC / 180 V DC
SUPPLY VOLTAGE	230 V AC 50 Hz
HP	1/2 Hp

MODEL NO:	AP-SMPS
SIZE(In mm.)	VARIOUS
OUTPUT VOLTAGE	12 V/ 24 V DC
SUPPLY VOLTAGE	230 V AC ,50 Hz
MOUNTING	WALL MOUNTING
PROTECTION	SHORT CIRCUIT

NOTE : 2 HP DC Drive Available.

TEMPERATURE INDICATOR / CONTROLLERS



MODEL NO:	AP-DTI-72 / AP-DTI-96 / AP-DTI-491
SIZE(In mm.)	72 X 72 X 110 / 96 X 96 X 110 / 48 X 96 X 110
SUPPLY VOLTAGE	230 V AC 50 Hz

MODEL NO:	AP-DTC72 / AP-DTC96
SIZE(In mm.)	72 X 72 X 110 / 96 X 96 X 110
OUT PUT CONTACT	RELAY OR SSR
SUPPLY VOLTAGE	230 V AC 50 Hz

FLAME PROOF TEMPERATURE INDICATOR & MICRO-CONTROLLER



MODEL NO:	AP- FLP
SUPPLY VOLTAGE	230 V AC 50 Hz

MODEL NO:	AP- FLP 220
DIGITS	4 DIGITS (4 + 4)
INPUT	UNIVERSAL
OUT PUT CONTACT	RELAY 1 CO OR SSR
CONTACT RATING	6 Amp 230 V AC
SUPPLY VOLTAGE	230 V AC 50 Hz
SETTING	KEY BOARD
MEMORY & ALARM	YES

PID TEMPERATURE CONTROLLER



MODEL NO:	AP-TC 441
SIZE(In mm.)	48 X 48 X 85
DIGITS	4 DIGITS (4 + 4)
INPUT	UNIVERSAL
OUT PUT CONTACT	RELAY 1 CO OR SSR
CONTACT RATING	6 Amp 230 V AC
SUPPLY VOLTAGE	230 V AC 50 Hz
SETTING	KEY BOARD
MEMORY & ALARM	YES
MOUNTING DIMENSIONS	



MODEL NO:	AP-TC 681
SIZE(In mm.)	72 X 72 X 110
DIGITS	4 DIGITS (4 + 4)
INPUT	UNIVERSAL
OUT PUT CONTACT	RELAY 1 CO OR SSR
CONTACT RATING	6 Amp 230 V AC
SUPPLY VOLTAGE	230 V AC 50 Hz
SETTING	KEY BOARD
MEMORY & ALARM	YES
MOUNTING DIMENSIONS	68mm X 68mm 48mm X 46mm



MODEL NO:	AP-TC 921
SIZE(In mm.)	96 X 96 X 110
DIGITS	4 DIGITS (4 + 4)
INPUT	UNIVERSAL
OUT PUT CONTACT	RELAY 1 CO OR SSR
CONTACT RATING	6 Amp 230 V AC
SUPPLY VOLTAGE	230 V AC 50 Hz
SETTING	KEY BOARD
MEMORY & ALARM	YES
MOUNTING DIMENSIONS	92mm X 92mm



MODEL NO:	AP-TC 491
SIZE(In mm.)	48 X 96 X 110
DIGITS	4 DIGITS (4 + 4)
INPUT	UNIVERSAL
OUT PUT CONTACT	RELAY 1 CO OR SSR
CONTACT RATING	6 Amp 230 V AC
SUPPLY VOLTAGE	230 V AC 50 Hz
SETTING	KEY BOARD
MEMORY & ALARM	YES
MOUNTING DIMENSIONS	46mm X 92mm



MODEL NO:	AP-TC-981
SIZE(In mm.)	48 X 96 X 100 (Horizontal)
DIGITS	4 DIGITS (4 + 4)
INPUT	UNIVERSAL
OUT PUT CONTACT	RELAY 1 CO OR SSR
CONTACT RATING	6 Amp 230 V AC
SUPPLY VOLTAGE	230 V AC 50 Hz
SETTING	KEY BOARD
MEMORY & ALARM	YES
MOUNTING DIMENSIONS	46mm X 92mm

TIMER



MODEL NO:	AP-TI-U-48
SIZE(In mm.)	48 X 48 X 65
DIGITS	4 DIGITS
RANGE	UNIVERSAL
OUT PUT CONTACT	RELAY 1 CO
CONTACT RATING	6 Amp 230 V AC
SUPPLY VOLTAGE	230 V AC 50 Hz
SETTING	KEY BOARD
MEMORY	YES
MOUNTING DIMENSIONS	48mm X 48mm

TIMER + COUNTER



	AP-TI-CO-48	AP-TI-CO-72
MODEL NO:		
SIZE(In mm.)	48 X 48 X 65	72 x 72 x 110
DIGITS	4 DIGITS (4 + 4)	4 DIGITS (4 + 4)
RANGE	UNIVERSAL	UNIVERSAL
OUT PUT CONTACT	RELAY 1 CO	RELAY 1 CO
CONTACT RATING	6 Amp 230 V AC	6 Amp 230 V AC
SUPPLY VOLTAGE	230 V AC 50 Hz	230 V AC 50 Hz
SETTING	KEY BOARD	KEY BOARD
MEMORY	ONLY FOR COUNTER	ONLY FOR COUNTER
MOUNTING DIMENSIONS	48mm x 48mm	68mm X 68mm
POWER CONSUMPTION	< 3VA	< 3 V A
AMBIENT TEMPRATURE	-5 °C - 45 °C	-5 °C - 45 °C
STORAGE TEMPRATURE	-20 °C - 70 °C	-20 °C - 70 °C
CONTACT CAPACITY PAUSE	AC 250V - 5A	AC 250V - 5A
TIME RESET TIME POWER	>0.05 Second	>0.05 Second
REBOOT	>0.05 Second	>0.05 Second
	>1 Second	>1 Second
	-	-

ELECTRONIC HOOTER



MODEL NO:	APHT-72 / APHT-96
SIZE(In mm.)	72 X 72 X 65 / 96 X 96 X 65
SOUND	110 Db
SUPPLY VOLTAGE	12,24AC/DC,110,230 V AC ,50 Hz

ELECTRIC POWER SUPPLY



MODEL NO:	AP-CU/PS
SIZE(In mm.)	71X 60 X 110
OUTPUT	RELAY 1CO / 2CO
SUPPLY VOLTAGE	230 V AC ,50 Hz
DELAY	ON DELAY
MOUNTING	DIN RAIL / WALL MOUNTING

ELECTRIC POWER SUPPLY WITH TIMER



MODEL NO:	APCU-TIMER
SIZE(In mm.)	71X 60 X 110
OUTPUT	RELAY 1CO / 2CO
SUPPLY VOLTAGE	230 V AC ,50 Hz
DELAY	ON DELAY/ OFF DELAY WITH TIMER
MOUNTING	DIN RAIL / WALL MOUNTING

LIQUID LEVEL SENSOR / PROBE



MODEL NO:	AP-LLS
SIZE(IN mm.)	70mm Height X 18 mm O.d, Cylinder
MOULDED MATERIALS	NYLON & PVC
SENSING ROD MATERIAL	SS 316
OPERATING TEMP	130° C (MAX)
COLOUR	BLACK

CONDUCTIVE LIQUID LEVEL CONTROLLER



MODEL NO:	AP-CCLC 225
SIZE IN MM	22 X 75 X 100
	SINGLE LEVEL CONTROL
MOUNTING	DIN RAIL / WALL MOUNTING 22.5 mm

HUMIDITY SENSOR



Supply Voltage	DC 5V ± 5%
Operating Range	1.6mA (max 3mA)
Humidity Operating Range	0-60°C
Humidity Measuring Range	Under 95% RH (non dew)
Temperature Storing Range	20-95% RH
Humidity Measuring Accuracy	0-70 °C
Size	5% RH (non dew)
	25 x 10 x 50 mm

HUMIDITY CONTROLLER WITH TEMPERATURE CONTROLLER



+



HUMIDITY SENSOR & TEMPERATURE SENSOR
(4 WIRE)

Model No.	AP-HMTC-72 / AP-HMTC-92
Size	72 x 72 x 65 mm / 96 x 96 x 65 mm
Display Digits	4 + 4 Seven Segment
Temp. Range	-40 °C - 120 °C
Moisture Range	0.0 - 99.9 % RH
Resolution	0.1
Accuracy	±0.5 °C ± 4.5% RH
Range of Return	Temperature 0.0 - 0.5 °C Moisture 0.0 - 0.5 % RH
Weight	300 g
Temp. Moun ng	-20 °C - 70 °C
Dimension	Panel Moun ng
Supply Voltage	AC 220 V
Output Control	5 A / 250 V AC
Power Consump on	<2W



PHOTO ELECTRIC SENSOR

ANALOG SENSOR







PROXIMITY INDCTIVE SENSOR (Three wire /Two wire AC /DC)



AP-CA-1205PO (5 mm)	AP-CA-1205NO (5 mm)	AP-CA-1205CO (5 mm)	AP-CA-1205CC (5 mm)
AP-CA-1808PO (10 mm)	AP-CA-1808NO (10 mm)	AP-CA-1808CO (10 mm)	AP-CA-1808CC (10 mm)
AP-CA-1808POPC (10 mm)	AP-CA-1808NONC (10 mm)	AP-CA-3015PO (15 mm)	AP-CA-3015NO (15 mm)

TECHNICAL SPECIFICATION

AP-CA-3015CO (15 mm)	AP-CA-3015CC (15 mm)	AP-CA-3015POPC (15 mm)	AP-CA-3015NONC (15 mm)
	DC (3 WIRE)		AC (2 WIRE)
Overall Dimension (mm)	12 X 60 mm / 18 X 60 mm / 30 X 60 mm		12 X 60 mm / 18 X 60 mm / 30 X 60 mm
Switch Logic	PNP NO, NPN NO, PNP NO + NC, NPN NO + NC		AC NO, AC NC

Supply	10-30 V DC	90-250 V AC
Switching Frequency (Hz)	DC - 100	AC - 20
Rated Operational Current (mA)	DC - 300	AC - 400
Working Temperature (°C)	-25 - 70	-25 - 70
Repeated Positioning Accuracy	≤5 % Sn	≤5 % Sn
Consumption Current (mA)	≤20	≤20
Voltage Drop (V)	≤3	≤3
Sensitivity Adj.	Turn Trimport... 	Turn Trimport... 
LED Operational Indicate	Red 	Red 
Short-Circuit / Polarity Protection	YES	•
Connection Type	2mtr. PVC Cable	2mtr. PVC Cable
Housing Material	NICKLE PLATED BRASS / ABS	NICKLE PLATED BRASS / ABS
Material Active Face	ABS	ABS
Protection Grade	IP67	IP67
NOTE :		

1. CONNECTOR TYPE SENSOR of M8, M12, M18, M30, M50 available.
2. Housing available : Brass (Nickel Plated) & Plastic.
3. Short length housings are also available.
4. Short circuit protection only in DC.
5. Connector cable available (Straight & Right angle).
6. Plastic housing sensors 17x17x26, 18x18x36, 25x10x50, 25x25x40, 30x30x50, 18x18x45,

18x18x26, 3 mm slot type, 10 mm slot type INDUCTIVE SENSORS are available.

7. Expert quality sensor available also in all size (with 3 years warranty)*.
8. Cable :- • 3 Core x 7/38
 - Inner Diameter - 1.25mm
 - Core Diameter - 3.90mm
 - Number of strands - 7
 - Type of Material - PVC

DC TO AC SOLID STATE RELAY



NO.	AMP	I2T	PIV	MODEL
1	8	340	800	19
2	10	340	800	01/11/22
3	16	340	800	01/11/22
4	25	340	800	01/11/22
5	40	880	800	01/22
6	50	3000	1200	01/22
7	75	6000	1200	01/22
8	90	7200	1200	01/22
9	110	12000	1600	01/22
10	150	15000	1600	01/22
11	175	25000	1600	01/22
12	200	25000	1600	01/22

SALIENT FEATURES

- True Zero Cross Over
- Virtually Free from EMI/RFI
- Input Green LED Indication
- Output to body 4kV Isolation
- Output N/O configuration
- Noiseless without Chattering and Fast Switching
- Inbuilt Snubber
- Heatsink + Dinrail Mounting (35mm)
- Reverse polarity protection.

- **INPUT:** -3-32 VDC
- **OUTPUT:** -240/330/440 VAC
- **MODEL NO:** -101/111/119/122

NOTES: ZERO CROSS OVER/RANDOM/CMOS Body isolation: 4kV for 1 min I/p.to O/P isolation : More than 6kV for 1 min.

DC TO DC SOLID STATE RELAY



SALIENT FEATURES

- Input-Output-Body Isolation 2.5kVA
- Input Green LED Indication / Output Revers LED Indication
- Turn ON/OFF Time Min.2.4 mili Second
- Output to body 4kV Isolation
- Across the Load,Back EMF Diode required
- Switching Speeds are Inherently Faster.
- Heatsink + Dinrail Mounting (35mm)
- Reverse polarity protection on Input Side
- Output N/O configuration

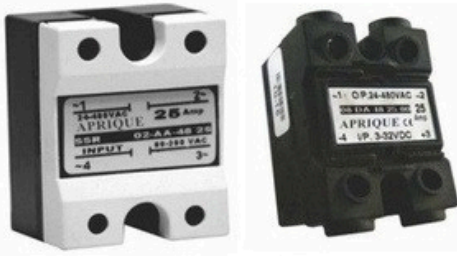
NO.	AMP	O/P	MODEL
1	100	55	03
2	150	75	03
3	15/25	200	03
4	14	500	03
5	25	600	03
6	08	900	03
7	35	55	25
8	20	100	25
9	15	200	25
10	08	500	25
11	12	600	25
12	05	900	25
13	08	100	11(a)
14	12	200	11(a)
15	06	500	11(a)
16	08	100	18

• INPUT: 3-32 VDC

• OUTPUT: 100/200 VDC

• MODEL NO: 103/125/111(A)/118

AC TO AC SOLID STATE RELAY



SALIENT FEATURES

- True Zero Cross Over
- Virtually Free from EMI/RFI
- Input Green LED Indication
- Output to body 4kV Isolation
- Inbuilt Snubber
- Noiseless without Chattering and Fast Switching
- Heatsink + Dinrail Mounting (35mm)
- Reverse polarity protection.
- Output N/O configuration

NO.	AMP	I2T	PIV	MODEL
1	10	340	800	102/113/123
2	16	340	800	102/113/123
3	25	340	800	102/113/123
4	40	880	800	102/123
5	50	3000	1200	102/123
6	75	6000	1200	102/123

NO.	AMP	I2T	PIV	MODEL
7	90	7200	1200	102/123
8	110	12000	1600	102/123
9	150	15000	1600	102/123
10	175	25000	1600	102/123
11	200	25000	1600	102/123

• INPUT: 180-280VAC

• OUTPUT: 240/330/440 VAC

• MODEL NO: 102/123/113

PHASE ANGLE CONTROLLER SSR



• MODEL NO: 105/124

NO.	AMP	I2T	PIV	MODEL
1	16	340	800	124
2	25	340	800	105/124
3	40	880	800	105/124
4	50	3000	1200	105/124
5	75	6000	1200	105/124
6	90	7200	1200	105/124
7	110	12000	1600	105/124
8	150	15000	1600	105/124
9	175	25000	1600	105/124
10	200	25000	1600	105/124

SALIENT FEATURES

- OPTO Isolation 4000Vrms
- The Load Power is Proportional to Controller Analog Input
- Linearity Better than 2% of the Rang
- Output to body 4kV Isolation
- Inbuilt Snubber
- Heatsink + Dinrail Mounting (35mm)
- INPUT: 4 TO 20 Mamp / 0 to 10vdc
- OUT PUT: 230 VAC /440VAC(47-63 HZ)

PHASE ANGLE CONTROLLER SSR IN SOFT /STATER

- INPUT: 4 TO 20 MAMP/12VDC/0 TO 10VDC
- OUTPUT: 440VAC /230VAC
- MODEL NO: 107



PRESSURE / FLOW

A-61  Pressure Transmitter	A-62  Digital Pressure Transmitter	A-63  Differential Pressure Transmitter	A-64  Pressure Switch	A-65  I to P Converter	A-66  Pressure Gauge
A-67  Pump	A-68  Inline Flow Switch	A-69  Flow Transmitter with Indicator	A-70  Rota Meter	A-71  Ultrasonic Type Flow Meter	A-72  Vane type Flow Switch
A-73  Plastic type flow switch	A-74  Air Flow Sensor	A-75  Flow Meter & Transmitter	A-76  Metal tube roza Meter	A-77  Water Meter	A-78  PD oil flow meter
A-79  Paddle Type flow sensor	A-80  Electromagnetic flow Meter	A-81  Turbine type flow Meter	A-82  Digital oil flow Meter	A-83  Rota Meter With sensor	A-84  PD meter with remote indicator

LEVEL / HUMIDITY

A-85  Magnetic Level Sensor	A-86  Multi Float Level Sensor	A-87  Float Level Switch	A-88  Level Transmitter	A-89  Capacitance Level Transmitter	A-90  Ultrasonic Level Transmitter
A-91  Displace type level switch	A-92  Ultrasonic Flowmeter	A-93  Vibrating Fork Level Switch	A-94  Cable Type Level Switch	A-95  RF Admittance Level Switch	A-96  Rotating Paddle
A-97  Conductive Level Switch	A-98  Level Controller	A-99  Digital Level Controller & Indicator	A-100  Capacitive Level Transmitter	A-101  Side Mounted Level Switch	A-102  Paddle type Level Switch
A-103  Contact type multi level sensor	A-104  Optical level sensor	A-105  Capacitance type level sensor	A-106  Optical level sensor	A-107  Adjustable level sensor	A-108  Level sensor with indicator
A-109  Humidity Sensor	A-110  Humidity Controller	A-111  Humidity Controller	A-112  Humidity & Temperature Controller	A-113  Jumbo Humidity and Temperature Indicator	A-114  Humidity controller
A-115  Humidity + Temperature Meter Portable type	A-116  Humidity Transmitter With 4-20mA/ 0-10V Output	A-117  Humidity and Temperature Transducer	A-118  Analog Moisture Meter	A-119  Humidity transmitter	A-120  Wall mount LCD type Humidity + Temperature & Time

THE SMART HOME AUTOMATION



THE SMART HOME AUTOMATION



Work With Wall Resistance



Technical Specifications

Home

Input: Input Voltage : 110-220 V AC	Output: Output Voltage : 220V AC	Range: Processor : 88 MHz
AC Frequency In : 50Hz	AC Frequency Out : 50Hz	Motor : 2.4G-8.8G(15m.)
Micro Controller: 32-bit	Temperature: -20°C to 50°C	Network Protocols IPV4, TOP/UDP/TCP/TFTP

- 4 Fan Speed Regulators
- 4 Lights ON/OFF
- No Internet
- 10 Users
- Inbuilt Timer
- Suit With Board
- Easy Installation
- Inbuilt WiFi
- Inbuilt-Hot Spot
- Customer Support
- 1 YEAR WARRANTY

- ✓ Operate all Appliances by mobile
- ✓ Gets status of device on mobile
- ✓ Set manual timer to the device
- ✓ Dim the light when not in use
- ✓ Save Power up to 30%
- ✓ Work with Android & IOS
- ✓ Work with unique Password

Smart Home
The Complete Wireless Home Automation system



We **CREATE** Sensors  As Per **Customer's** Requirement

CHANNEL PARTNER



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