Agam

AGAM ELECTRICALS PVT. LTD.

ANALOG EXPERTISE

DIGITAL EXPERTISE

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ANALOG PANEL METER

AGAM introduces a series of economical Analog Panel Meters which offers several advantages in switchboards and transformers panels, used for measurement of electrical parameters.

EXCLUSIVE FEATURES :

- Robust Case with classic finish
- Easy replacement of Front Glass & Bezel
- Case: 10% glass filled PC material conforming to UL 94 V-0 Grade (Non flammable & Self Retardant)
- Operating Temperature: 0°C ... +50° C | Storage temperature: -25°C ... +65° C
- Interchangeable Scales, Knife Edge Pointer
- Standard back cover (IP 20), for user safety & IP 52 Protection from the front side.
- Standards: IEC/DIN/EN 60051, DIN 43802, DIN 43700, IEC 61010
- Relative humidity: <75% annual average, Non condensing

MODELS & TYPES:

- Moving Iron AC Ammeter - EAC-A (72 / 96) / AC Voltmeter - EAC-V (72 / 96)
- Moving Coil DC Ammeter - BDC-A (72 / 96) / DC Voltmeter - BDC-V (72 / 96)
- Moving Coil with Rectifier AC Ammeter - BCR-A (72 / 96) / AC Voltmeter - BCR-V (72 / 96)
- Frequency Meter - HFC (72 / 96)
- Power Factor Meter - PF1 / PF3 (72 / 96)

CERTIFICATIONS :

CE RoHS

SELECTION GUIDE	 AC Ammeter & Voltmeter		 DC Ammeter & Voltmeter		 AC Ammeter & Voltmeter		 Frequency Meter	 Power Factor Meter
FEATURES	Ammeters will be provided with x2 suppression (x1, x5, x6 - On request)		Centre Zero (On request), Shifted Zero (On request), Suppressed Zero (On request)		Less VA Burden Full range indication		Dual Range Input Voltage (On request)	Less VA Burden
MOVEMENT TYPE	Moving Iron		Moving Coil		Moving Coil with Rectifier		Moving Coil with built-in Transducer	Moving Coil with built-in Transducer
MODELS	EAC-A	EAC-V	BDC-A	BDC-V	BCR-A	BCR-V	HFC	PF-1 / PF-3 Bal. Load
MEASURING PARAMETERS	AC Current	AC Voltage	DC Current	DC Voltage	AC Current	AC Voltage	Frequency	Power Factor
POINTER DEFLECTION	0 to 90°							45°...0°...45°
SCALE CHARACTERISTICS	Near Linear		Linear					Non linear
AVAILABLE SIZES	72 x 72mm / 96 x 96mm							
MEASURING INPUT / RANGE	100mA-100A AC	6V-600V AC	100uA-100A DC	50mV-600V DC	1mA-5A AC	100V-600V AC	57.7V - 500V AC 45...50...55 Hz 55...60...65 Hz 45...55...65 Hz	57.7V - 500V AC 1A or 5A cap 0.5...1...0.5 ind cap 0.8...1...0.3 ind cap 0.8...1...0.8 ind
ACCURACY	Class 1.5, Class 1 (optional)						Class 0.5	Class 1.5, Class 1 (optional)
FREQUENCY	45...65Hz						–	45...65Hz
OVERLOAD CAPACITY	X 1.2 times continuous of rated Voltage / Current							

ACCESSORIES :

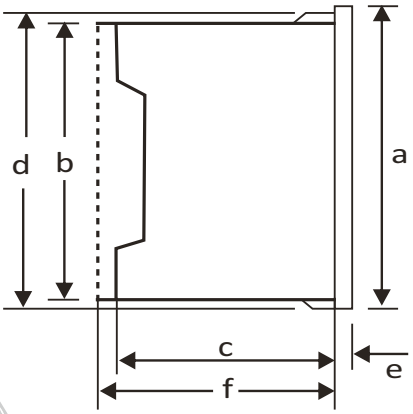
A. BACK COVER :

B. MOUNTING SCREWS :

SAFETY MEASURES :

- Instruments with damaged bezels or window glasses must be disconnected from mains.
- Adequate safety clearance must be maintained to control panel fasteners and to sheet metal housing, if non-insulated connector wires are used.
- Scales should be replaced under Voltage - free conditions.
- Bezels and window glasses should be replaced under Voltage-free conditions.
- The back cover must be snapped into place after the connector wires have been clamped for protection against accidental contact.

DIMENSIONAL DRAWING :



Model → / Dimensions (mm) ↓	EAC 72 BDC 72 BCR 72 HFC 72	EAC 96 BDC 96 BCR 96 HFC 96	PF 72	PF 96
Bezel (a)	72	96	72	96
Case (b)	66	90	66	90
Depth (c)	53	53	72	53
Height (d)	68	91.6	68	92
Bezel width (e)	5.6	5.6	5.6	5.6
Panel Cut out	68 (+0.7)	92 (+0.8)	68 (+0.7)	92 (+0.8)
Depth with cover (f)	63	63	83	64
Weight Appr. (gms)	200	250	550	600

Ordering Information	
TYPE	EAC / BDC / BCR / HFC / PF 1 / PF 3
ELECTRICAL QUANTITY (for EAC / BDC / BCR)	for CURRENT - A for VOLTAGE - V
LOAD (for PF1 / PF3)	for PF 1 - E1C* for PF 3 - D1C*
SIZE	72/ 96
MEASURING RANGE	Refer Selection Guide
SCALE	Specify while ordering
PTR / CTR (if Applicable)	Specify while ordering

* E1C: 1PH Balance Load , D1C: 3PH Balance Load

PACKING DIMENSIONS :

Model	EAC 72 BDC 72 BCR 72 HFC 72	EAC 96 BDC 96 BCR 96 HFC 96	PF (1/3) 72	PF (1/3) 96
Qty per box (nos.)	84	40	48	40
Final Packing Box	40cm x 27cm x 57cm			

EXAMPLE:

PF 3 - D1C, 96, 110V, 5A, cap 0.5....1...0.5 ind

Power Factor Meter, 3 Phase Balanced Load, 96X96, 110V AC, 5A AC, Scale: cap 0.5....1...0.5 ind

CAM SWITCHES

CAM switch is used to perform make and break operations in a sequential way by rotating the switch to different positions. The CAM, which closes and opens the contacts, has rotary movement to multiple positions, thereby multiple circuit functions can be controlled.

A CAM switch provides the transmission of electrical energy from one point to another by rotating at various angles with the help of a handle and shaft. Its contacts change position by turning the handle.

AGAM provides a complete range of cam switches for control, Instrumentation and motor starting applications.

EXCLUSIVE FEATURES :

- Quick and easy installation
- Multi pole design
- Long distance visibility
- Touch-proof terminals with IP20 Protection
- Compact size
- Mechanical life : 1,00,000 operations @ 300 cycles / hr.
- Electrical life : 10,000 operations @ 100% rated duty at 120 cycles / hr.

TYPES OF CAM SWITCHES :

- Instrument Switches
- Multistep Switches
- Changeover Switches
- Reverse Forward Switches
- Breaker Control (TNC) Switches
- Isolator Switches
- Spring Return Switches

CERTIFICATIONS :

SELECTION GUIDE	 INSTRUMENT SELECTOR SWITCH	 ISOLATOR SWITCH	 CHANGEOVER SWITCH	 MULTISTEP SWITCH
APPLICATION	To measure the current in the circuit or the voltage drop across the circuit	To isolate the particular area of operation	To change particular area of the operation	To connect the different circuits in common supply or vice-versa
TYPE	Ammeter (4 Position) or Voltmeter switches (4 or 7 Positions)	1 pole to 12 poles	1 pole to 6 poles, 2 way or 3 ways	1 pole to 4 poles, 3 ways to 12 ways
CURRENT RATING	6A, 10A, 16A or 20A	6A to 200A	6A to 200A	6A to 200A
ANGLE OF ROTATION	45° or 90°	45°, 60°, 90° or 90° complete rotation	60° or 90°	30°, 45°, 60° or 90°

SELECTION GUIDE	 SPRING RETURN SWITCH	 REVERSE FORWARD SWITCH	 BREAKER CONTROL (TNC) SWITCH
APPLICATION	To make and break or changeover the circuit with spring return mechanism	To control the motor in reverse & forward direction	To close or trip the circuit breaker
TYPE	On-Off or Double Throw	2 Pole or 3 Pole	1NO-1NC or 2NO-2NC
CURRENT RATING	16A or 25A	25A, 32A, 40A or 63A	25A or 32A
ANGLE OF ROTATION	60° or 90°	45° or 60°	60°

DIGITAL PANEL METER

AGAM Digital Panel meters are designed to suit for industrial applications, which normally require precise and onsite adjustment of the display range. It can be used in industrial automation and for laboratory uses as well. It's unique features of Onsite Programming helps to reduce inventories as well as improves quick sales & service support .

EXCLUSIVE FEATURES :

- True RMS measurement with fast response
- Ultra-bright LED Display
- Fully onsite programmable CT/PT ratio
- MODBUS (RS485) output (optional)
- Capacitive Touch Keys for 96 x 96mm Digital Panel Meters
- Accuracy: Class 0.5
- Click fit arrangement
- Wide Universal auxiliary supply
- EMC: IEC 61326, Safety : 61010
- Protection: IP50 from Front Side

Touch Key

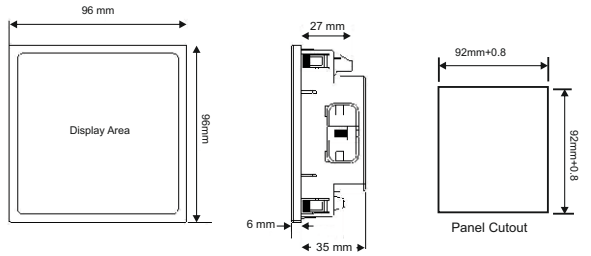
CERTIFICATIONS :

CE RoHS

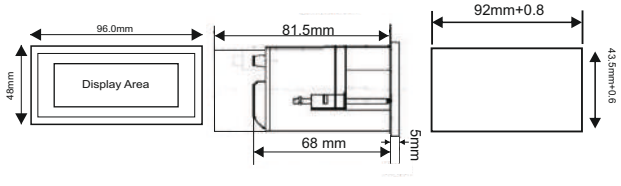
SELECTION GUIDE	 DIGITAL AC VOLTMETER- AGM 1V	 DIGITAL AC AMMETER - AGM 1A	 DIGITAL AC VOLTMETER - AGM 3V	 DIGITAL AC AMMETER - AGM 3A
MEASURES	Phase-Neutral Voltage VL	Phase Current IL	• Phase-neutral voltage & Phase to Phase Voltage • System Voltage	• Phase Current IL 1, IL 2, IL 3 • System Current
SYSTEM	1PH 2W		1PH 2W / 3PH 3W / 3PH 4W	
AVAILABLE SIZES	48 x 96mm / 96 x 96mm			
INPUT (PROGRAMMABLE)	57.5...300VLN (48 x 96mm) 57.5...480VLN (96 x 96mm)	1A / 5A	57.7...288.67 VLN / 100...500 VLL	1A / 5A
DISPLAY	3 Digit 1 Line (96 x 96mm) 4 Digit 1 Line (48 x 96mm)	4 Digit 1 Line		
AUXILIARY SUPPLY	**48 x 96mm :** 40...300 AC/DC or 20...40V AC / 20...60 V DC **| 96 x 96mm :** 60...300V AC/DC			
OUTPUT / COMMUNICATION	–		Relay + MODBUS RS485 (Optional for 96x96mm meters only)	

DIMENSIONS :

For 96x96 DPM



For 48x96 DPM



ORDERING INFORMATION :

Model	Product Description
AGM-1V	AGM1V 1Ph 480VLN 96x96mm 60-300VAC/DC 0.5
AGM-1A	AGM1A 1Ph 1/5A 96x96mm 60-300VAC/DC 0.5
AGM-3V	AGM3V 3Ph 500VLL 96x96mm 60-300VAC/DC 0.5
	AGM3V 3Ph 500VLL 96x96mm 60-300VAC/DC 0.5 Relay+RS485
AGM-3A	AGM3A 3Ph 1/5A 96x96mm 60-300VAC/DC 0.5
	AGM3A 3Ph 1/5A 96x96mm 60-300VAC/DC 0.5 Relay+RS485

Model	Product Description
AGM-1V	AGM1V 1Ph 300VLN 48x96mm Aux* 0.5
AGM-1A	AGM1A 1Ph 1/5A 48x96mm Aux* 0.5
AGM-3V	AGM3V 3Ph 500VLL 48x96mm Aux* 0.5
AGM-3A	AGM3A 3Ph 1/5A 48x96mm Aux* 0.5

*Confirm the Aux supply required from Selection Guide.

MULTIFUNCTION METER

AGAM present series of basic meters for measurement of Electrical parameters which are widely used in different switch board & control panels applications. Being fully programmable models, series of meters helps to reduce costing in terms inventory & space as well.

EXCLUSIVE FEATURES :

- True RMS measurement with fast response
- Ultra-bright LED Display with Capacitive Touch Keys (AGM-11P & AGM-12E)
- Fully onsite programmable CT/PT ratio
- MODBUS (RS485) output (optional)
- Click fit arrangement for easy installation and Low Back Depth
- On-site user selectable system-3Ø - 3/4 W Balance / Unbalance & 1Ø 2W network
- RPM Measurement
- Storage of MIN / MAX values
- EMC : IEC 61326, Safety : IEC 61010,
- Energy Measurement as per IEC 62053-21 (AGM-12E Energy Meter)
- Polycarbonate Housing with UL94 V-0 grade
- Protection : IP54 from Front Side

Touch Key

APPLICATIONS:

- Distribution Panels
- Electrical load monitoring
- Genset, Test Benches and Laboratories
- Motor Control Panels

CERTIFICATIONS :

CE RoHS

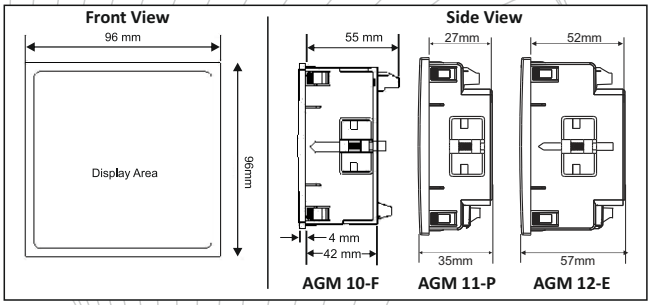
SELECTION GUIDE	 AGM - 10F VAF METER	 AGM- 11P POWER METER	 AGM-12E ENERGY METER
MEASURES	V, A, Hz, Run Hour, No. of Interruptions	V, A, Hz, KW, KVAr, KVA, PF, Phase Angle, Run Hour, ON Hour, Demand, Neutral Current (3P4W), Min/Max Parameters	V, A, Hz, KW, KVAr, KVA, KWh, KVArh, KVArh, Demand, max demand, PF, Phase Angle, Run Hour, ON Hour THD Measurement upto 31st Harmonics, Min/Max Parameters
INPUT (PROGRAMMABLE)	57.7...288.67 VLN/100... 500VLL 45...65 Hz 1A or 5A	57.7...288.67 VLN/100... 500VLL 40...70 Hz 1A or 5A	57.7...288.67 VLN/100... 500VLL 40...70 Hz 1A or 5A
DISPLAY	3 Digit 3 Line	4 Digit 3 Line	4 Digit 3 Line
ACCURACY	Class 1	Class 0.5	Class 1
AUX SUPPLY	40...300V AC/DC or 20...40V AC / 20...60V DC	60...300V AC/DC	60...300V AC/DC or 20...60V AC/DC
OUTPUT / COMMUNICATION (OPTIONAL)	1 Relay (Limit Switch Function)	• 1 Relay • MODBUS RS485 • 1 Relay + MODBUS RS485	1 Relay + MODBUS RS485
KEY TYPE	Press key	Touch Key	Touch Key

ORDERING INFORMATION :

Model	Product Description
10F VAF Meter	AGM10F 1/5A 100-500VLL Aux*
	AGM10F 1/5A 100-500VLL Aux* Relay
11P Power Meter	AGM11P 1/5A 100-500VLL Aux*
	AGM11P 1/5A 100-500VLL Aux* Relay
	AGM11P 1/5A 100-500VLL Aux* RS485
	AGM11P 1/5A 100-500VLL Aux* Relay + RS485
12E Energy Meter	AGM12E 1/5A 100-500VLL Aux*
	AGM12E 1/5A 100-500VLL Aux* Relay + RS485

*Confirm the Aux supply required from Selection Guide.

DIMENSIONS :



* AGM 10F with Relay (optional) will be with depth 62mm.

DIGITAL NETWORK METER : AGM-13H

EXCLUSIVE FEATURES :

- True RMS measurement
- On-site programmable for Primary & Secondary Values
- On-site user selectable system-3Ø 3/4W Balance / Unbalance or 1Ø 2W network
- Energy Accuracy Class 0.2S as per IEC 62053 and Class 0.2 as per IEC 61557-12
- Individual Harmonics up to 31st Level for Voltage & Current
- 10 User assignable Screens Selection onsite
- EMC : IEC 61326, Safety : IEC 61010,
- IP for water & dust : IEC 60529 (IP54 from Front Side)
- User Assignable Registers for quick data access
- Digital I/P and O/P (Optional)
- Size (H x W x D) : 96 x 96 x 59mm (without add-on card) 96 x 96 x 79mm (with add-on card)
- Weight : 320 grams (approx)

APPLICATIONS:

- Internal Energy billing/monitoring/auditing
- Electrical load monitoring
- Sub-metering
- Genset, Test Benches and Laboratories

SELECTION GUIDE :

INPUT (PROGRAMMABLE)	**Voltage:** 100VLL to 600 VLL AC 57.5VLN to 346.42 VLN AC **Current:** 1A / 5A
DISPLAY	3 Line 5 Digit and 1 Line 9 Digit row
ACCURACY	Class 0.2S as per IEC 62053 & Class 0.2 as per IEC 61557-12
AUX SUPPLY	100-550V AC/DC or 12-60V AC-DC
OUTPUT (OPTIONAL)	MODBUS RS485 Ethernet MODBUS RS485 + 2 Digital I/P + 2 Digital O/P Ethernet + 2 Digital I/P + 2 Digital O/P
OPERATING MEASURING RANGE	Voltage : 20... 120% of nominal value, Current (Energy Measurement): 1....200% of nominal value

ADD-ON FEATURES :

Relay Output (optional) :

Potential free, very fast acting relay contact configurable for following:

- Pulse output which can be used to drive an external counter for energy measurement.
- Limit (Alarm) switch. Limit output also configurable for three logical combination of parameters.
- Timer output which can be used to operate relay in cyclic manner.
- Pre-Paid Cost based energy tripping.
- Switch for unhealthy three phase load.
- Remote Relay Control using MODBUS.

Pre-Paid Cost Based Energy Tripping :

- This feature allows to trip the load whose energy has crossed the required threshold of the configured tariff amount.
- The user just set the energy, top-up amount & the rate per unit (kWh) of energy.

Digital Inputs (Optional) :

2 Digital Inputs (Optional) can be configured as:

- Status to indicate if the input is present or not.
- Pulse Counter for counting pulses from external sources.
- Tariff Input to store separate energy counters on the basis of digital inputs present.

Direct remote access(Optional) :

Remote configuration of the Instrument & access of measured parameter via MODBUS RS485.

Health Monitoring of Three Phase Load :

This feature is applicable only for Three phase load (such as a Three phase motor) which can be monitored for phase failure, phase reversal, voltage & current unbalance, under frequency, under voltage, over voltage and over current.

Further, set a relay in this mode and use it for indication / guard against such faults.

Dual Tariff :

- 2 Tariff based on digital input available.
- 6 Energy sources configurable for tariff based energy.

ORDERING INFORMATION :

Model	Product Description
AGM-13H	AGM13H 1/5A 100-600VLL Aux*
	AGM13H 1/5A 100-600VLL Aux* RS485
	AGM13H 1/5A 100-600VLL Aux* Ethernet
	AGM13H 1/5A 100-600VLL Aux* RS485 + 2DIO
	AGM13H 1/5A 100-600VLL Aux* Ethernet + 2DIO

*Confirm the Aux supply required from Selection Guide.

NEW PRODUCT

EARTH LEAKAGE RELAY WITH PRESET (ANALOG)- SINGLE CBCT

AGM ELR is an Earth Leakage Relay (ELR), a protection device to be used in electrical installations against electric shock and / or damage to equipment caused by punctured or weak insulations or contact to live parts. Instrument operates by monitoring the earth leakage current through CBCT and disconnecting the circuit in case of hazardous levels of earth leakage currents.

AGM ELR is available in two versions, AGM ELR and AGM ELR+

EXCLUSIVE FEATURES :

Easy operation :
Front access potentiometer with marking are provided to set desired value of leakage current and trip time.

CBCT connection fault detection:
CBCT connection at the device terminals is monitored so leakage detection is always faithful.
P-ON LED indicates CBCT fault status.

True RMS Measurement :
The instrument measures distorted waveform up to 15th harmonic and categorized under Type-A ELR.

Programmable parameter through potentiometer:
1. Leakage current:
The measured leakage current value is continuously compared with the set value. Fault is condition said to occurred if leakage current exceeds this set value of current. (30mA, 100mA, 300mA, 500mA, 1A,3A, 5A, 10A, 20A or 30A programmable)
2. Trip Delay:
The time in seconds for which fault leakage current should persist so that relay will be driven to fault state. Zero trip delay corresponds to instantaneous tripping. (0s, 0.06s, 0.15s, 0.25s, 0.5s, 0.8s, 1s, 2.5s, 5s, 10s programmable)

Test and Reset Key :
Test Key - Pressing this key trigger the fault state operation of the device.
Reset Key - Pressing this key trigger the Normal working state operation of the device. Reset will restore the normal operation of alarm and main relay only if leakage current is in normal range (Below reset value of leakage current of corresponding relay) reset operation has memory function till device is powered on Press timing for both keys is 3 seconds approximately.

Remote Reset:
Two contacts are provided at terminal block, can be used for remote reset operation, These contact function are similar to reset key operation

LED indications:
1. Bar graph - Measured leakage current in terms of percentage of set leakage current (In), and indicated by 4 LED's as per 30%, 45%, 60%, 75% of set value.
2. P-ON - Indicates device is powered on and working. Additionally it shows CBCT fault condition by blinking
3. Trip - Indicates relay fault state.

Operation table LED :
1. P-ON LED ON - Device is powered on and functioning 2. P-ON LED Blinking - CBCT Open detected 3. Trip LED ON - Relay is in fault state 4. Trip LED blinking - Alarm relay is activated

Compliance to International Standards :
EMC Compatibility: IEC 61326, Safety standards: IEC 61010-1- 2001
IEC 60947-2 : Annex - M, IEC60755 (Optional)

SELECTION GUIDE :

INPUT	30mA to 30A
ACCURACY	5% of Full Scale Nominal value (Leakage Current)
AUX SUPPLY	60...300V AC/DC or 20...60 VDC & 20...40 VAC
MODEL	1) AGM-ELR (Optional Alarm Relay) 2) AGM-ELR+ (with DIP switch and 1NO Relay output)
FAULT TYPES	Earth Leakage Current Monitoring
TRIP POINTS	Tripping range 80% to 100% of In
TRIP DELAYS	±5% of set trip time or 50ms
ALARM OPERATING RANGE	>50% of In
RESETTING VALUE	-15% of operating value
PROTECTION	IP20 (Front)
Size (H x W x D)	90 x 35 x 65 mm
ENVIRONMENTAL	Operating temperature - 20 to + 65°C Storage temperature - 40 to + 70°C Relative humidity 0... 90% (non condensing)
MOUNTING	Din rail mount

ORDERING INFORMATION :

Product Description
AGM-ELR
AGM-ELR with Alarm Relay
AGM-ELR+ (with DIP Switch and 1 NO Relay Output)

*Confirm the Aux supply required from Selection Guide.

FUNCTIONS :

Relay output :
1.Relay1: This is main ELR relay having 3 terminal (COM, NO, NC) to signal the fault condition. This relay is default normally de-energize in ELR version, whereas in advance version its configuration can be changed by DIP switch.
2. Relay2 (Optional) : This is additional relay having 2 terminal (COM, NO). This relay function as alarm relay in ELR version and default normally de-energize. Alarm relay activates when leakage increase above 50% of set In value.
This relay can be configured as either fail safe relay or Alarm relay through DIP switch in ELR+ version.

DIP switch for settings (ELR+ Version only)
1. Auto Re-closure (Reset) :
If enabled, device automatically resets the fault condition for preset time and measure leakage current so as to decide operating state of device. 3 attempts are made to reset fault. Manual reset is disabled in this case.
2.Fail safe or Alarm Relay :
Configures additional 1 NO relay provided as either Fail safe relay : Relay represents the state of power on condition and energized if power is applied.
Alarm relay : Relay is energized upon 50% of set leakage current reached. Relay can be used to trigger devices for indication purpose or maintenance actions.
3. ELPR relay configuration :
Configures main relay state in either Energized or De-energized state.

Parameter Characteristics:
1. Reset Hysteresis : 15% of Trigger value (ELR , Alarm relay)
2. Power On, Reset Delay : Approx. 1 Second

NEW PRODUCT

CORE BALANCE CURRENT TRANSFORMER (CBCT)

EXCLUSIVE FEATURES :

- Slim Design
- Encapsulated CBCT
- Reliable and accurate
- Sealable cap for secondary terminal connection
- Light in Weight
- common wall mounting clamp for all sizes

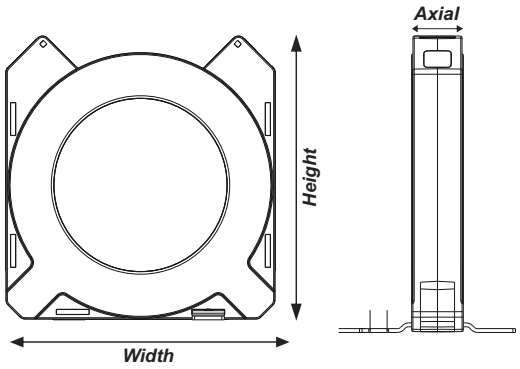
SPECIFICATIONS :

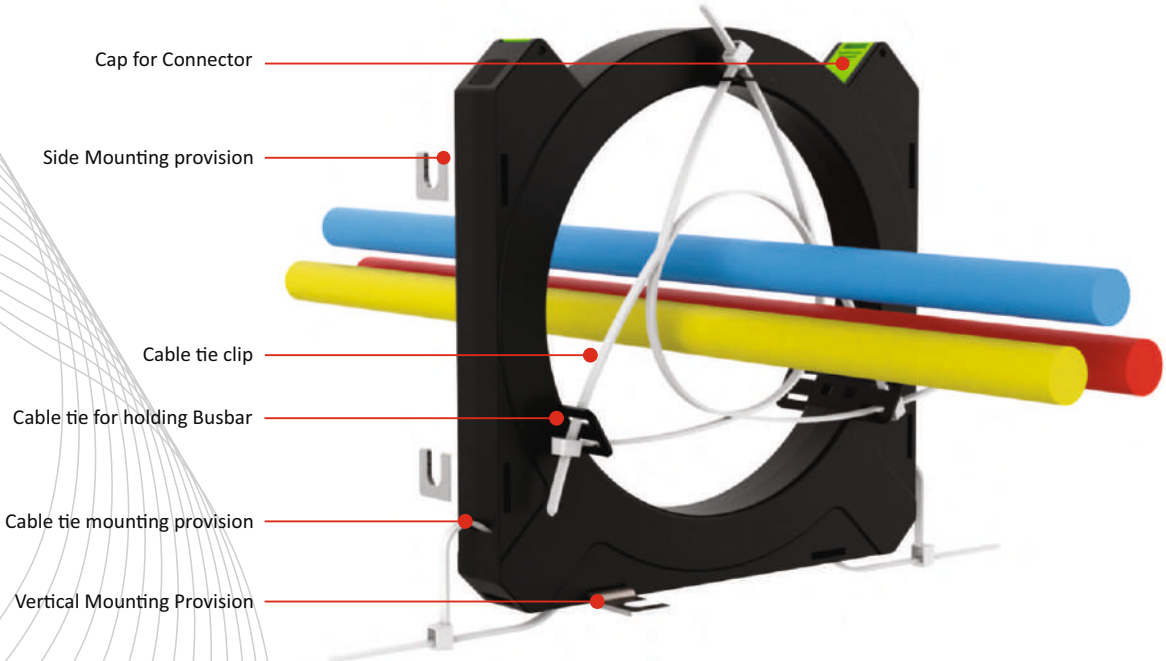
- Turns Ratio : 600:1A and 1000:1A (optional)
- Rated Current : 30 mA - 30 A
- Max. operating System Voltage : 720 V maximum
- Applicable Standard : IEC 61869- part 1-2
- Insulation Voltage : 3kV for 1 minute
- Distance Between CBCT & ELR : < 1 meters
- Operating Temperature : -25°C to +55°C
- Connection : Screw Type terminal connection

DIMENSION TABLE:

	Dimensions (in mm.)				
CBCT Model	**ID**	**Width**	**Height**	**Axial**	**Current Ranges**
CBCT - A38	38	71	88.3	20	30mA to 30A
CBCT - A57	57	97	105.2	20	30mA to 30A
CBCT - A70	70	109	113.8	20	30mA to 30A
CBCT - A120	120	153	155.5	20	30mA to 30A
CBCT - A210	210	250	249.0	20	30mA to 30A

* ID : Inner Diameter.



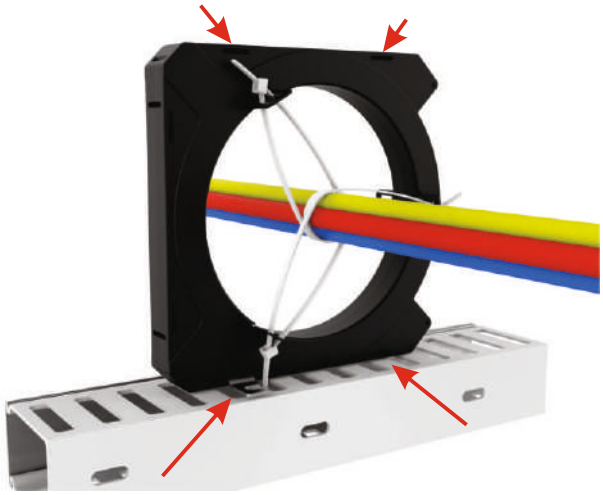


Features → / Model ↓	Mounting clamp for vertical mounting	Mounting Clamp for Horizontal mounting	Cable Tie for Vertical Mounting	Cable Tie for Busbar Mounting	Terminal Cap
CBCT - A38	✓	✘	✓	✘	✓
CBCT - A57	✓	✓	✓	✘	✓
CBCT - A70	✓	✓	✓	✘	✓
CBCT - A120	✓	✓	✓	✓	✓
CBCT - A210	✓	✓	✓	✓	✓

PRODUCT FEATURES:

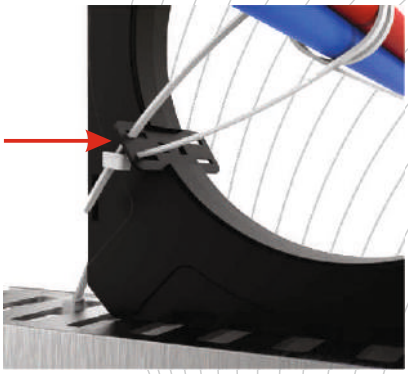
Cap for Connector :

Protective cap for connectors on either side of the CT ensures that the terminal is well covered from external entities.



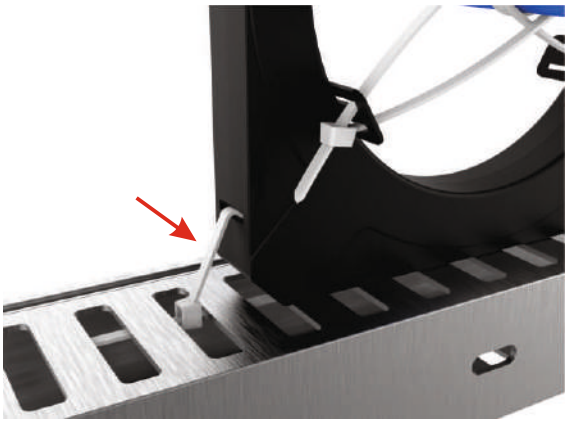
Side Mounting Provision :

CBCT can be mounted both horizontally as well as vertically considering the practical challenges occured while on site installation.



Cable Tie Clips :

Cable tie clips are located on the CT to ensure that the busbar is centrally aligned so as to get absolute output



Vertical Cable Tie Mounting :

Vertical mounting is basically provided in all categories of CT, although vertical mounting with the help of cable tie gives more flexibility while on site installation

ORDERING INFORMATION :

Product Description
CBCT - A38 Inner Dia. 38mm CT Ratio 600:1
CBCT - A57 Inner Dia. 57mm CT Ratio 600:1
CBCT - A70 Inner Dia. 70mm CT Ratio 600:1
CBCT - A120 Inner Dia. 120mm CT Ratio 600:1
CBCT - A210 Inner Dia. 210mm CT Ratio 600:1

*CT Ratio 1000:1 available on special request.

LV CURRENT TRANSFORMERS

Widely used in switchboard applications by Engineering, Construction, and Power companies, AGAM series of LV Current Transformers are the result of manufacturing expertise.

AGAM range of Current transformers are Economical, Good Quality, Smaller size & Smaller Weight complying to IEC Standard.

GENERAL SPECIFICATIONS :

Applicable standard	: IEC 61869, IS16227	Class of accuracy	: 0.2S, 0.5S, 0.2, 0.5, 1
Case	: Engineering grade plastic Nylon/Polycarbonate	Ambient temperature	: -25 Deg. C to +40 Deg. C
		Storage temperature	: -50 Deg. C to +80 Deg. C
Insulation	: Class E (120 Deg. C max)	Thermal short circuit current (Ith)	: 60 x In
System voltage	: 720V maximum	Dynamic short circuit current (Idyn)	: 2.5 x Ith
Operating frequency	: 50Hz / 60Hz	Instrument security factor (FS)	: 5, 10, 15, 20
Rated Primary rating	: 1A to 3200A		
Rated secondary output	: 5A standard (1A on request)		
Rated burden	: 1, 1.25, 1.5, 2.5, 3.75, 5, 7.5, 10, 12.5, 15, 20VA		

EXCLUSIVE FEATURES :

- Wide range of system current ratings
- Wire sealable terminal cover
- Wall mounting, Bus-bar mounting & Din rail facility (if required)
- CE & UKCA Engraved
- Engineering grade plastic Nylon/Polycarbonate.
- Removable Secondary terminals - Easy to connect with Ring type Lugs.
- Engraved Arrow Marking to Primary Current Direction Indication.

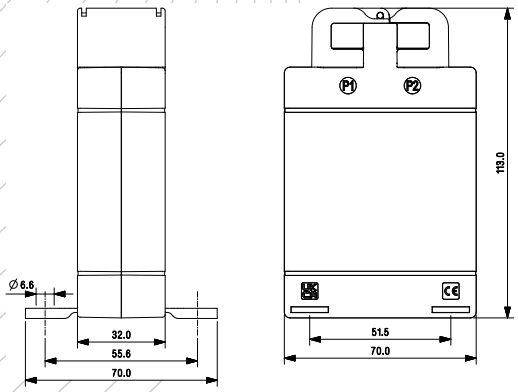
Limits of current error and phase displacements for measuring current transformers.												
Accuracy class	+/- percentage current (ratio) error at percentage of rated current shown				+/- phase displacements at percentage of rated current shown below							
					Minutes				Centiradians			
	5	20	100	120	5	20	100	120	5	20	100	120
0.5	1.5	0.75	0.5	0.5	90	45	30	30	2.7	1.35	0.9	0.9
1.0	3.0	1.5	1.0	1.0	180	90	60	60	5.4	2.7	1.8	1.8

VA BURDEN GUIDE :

Moving iron ammeter	: 1.0VA
Bimetal instruments (.../5A)	: 3.0VA
Bimetal and Moving iron instruments (.../5A)	: 3.5 VA
Wattmeter	: 3.5...5.5VA
Power factor meter	: 4.0 VA
Current / Power transducer	: 0.5 VA
kWh-meter	: 2.5 VA

AGAM A7W SERIES CURRENT TRANSFORMER

CT Model	A7W
Dimension (mm)	113 x 70x 32 (H x W x Depth)
Primary Current	1A to 60A
Secondary Current	1A , 5A
Accuracy Class	0.5S, 0.2, 0.5 & 1
Mounting Options	Wall Mounting & busbar mounting

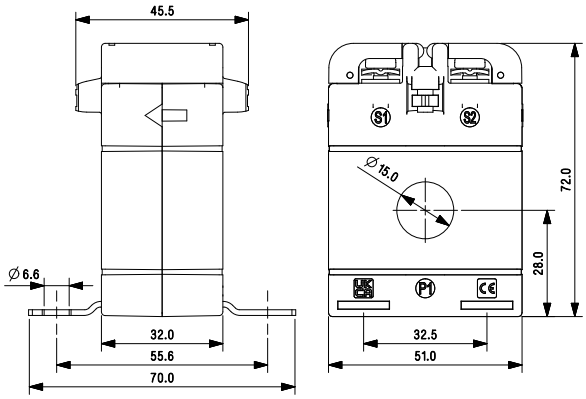


Code No.	Accuracy Class	0.5S	0.2	0.5	1
	Primary Current	Max VA	Max VA	Max VA	Max VA
A7W-1	1A	2.5	1.5	5	7.5
A7W-2.5	2.5A	2.5	1.5	5	7.5
A7W-5	5A	2.5	1.5	5	7.5
A7W-7.5	7.5A	2.5	1.5	5	7.5
A7W-10	10A	2.5	1.5	5	7.5
A7W-15	15A	2.5	1.5	5	7.5
A7W-20	20A	2.5	1.5	5	7.5
A7W-25	25A	2.5	1.5	5	7.5
A7W-30	30A	2.5	1.5	5	7.5
A7W-40	40A	2.5	1.5	5	7.5
A7W-50	50A	2.5	1.5	5	7.5
A7W-60	60A	2.5	1.5	5	7.5

AGAM AS5x SERIES CURRENT TRANSFORMER

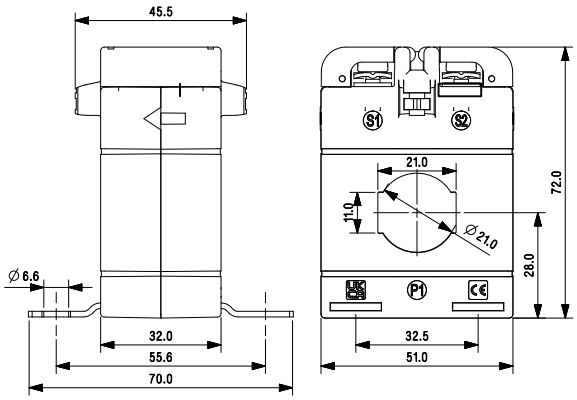
CT Model	AS51	AS52	AS53
Cable Hole Dia (Ø)	15mm	21mm	26mm
Max Busbar Size (mm)	—	21 x 11	30.5 x 10.5
Dimension (mm)	72 x 51 x 32 (H x W x Depth)		
Primary Current	100A to 300A	50A to 400A	100A to 600A
Secondary Current	1A , 5A		
Accuracy Class	0.5S, 0.2, 0.5 or 1		
Mounting Options	Wall mounting & Busbar mounting		

AS51



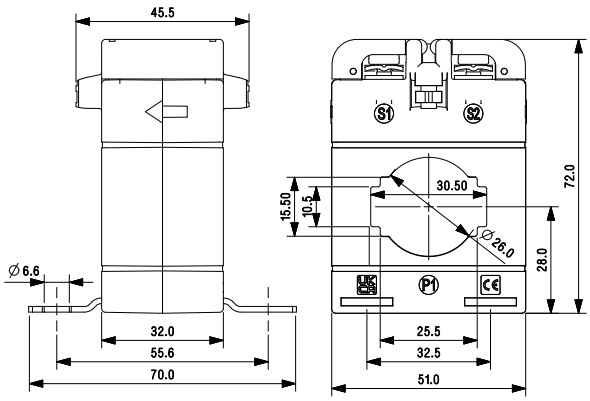
Code No.	Accuracy Class	0.5S	0.2	0.5	1
	Primary Current	Max VA	Max VA	Max VA	Max VA
AS51-100	100A	-	-	1	1.5
AS51-120	120A	-	-	1	2.5
AS51-125	125A	-	-	1.25	2.5
AS51-150	150A	-	-	1.5	3.75
AS51-200	200A	1.5	1	1.75	3.75
AS51-250	250A	1.75	1.25	3.75	5
AS51-300	300A	2.5	1.5	5	5

AS52



Code No.	Accuracy Class	0.5S	0.2	0.5	1
	Primary Current	Max VA	Max VA	Max VA*	Max VA*
AS52-50	50A	-	-	-	1
AS52-60	60A	-	-	-	1
AS52-75	75A	-	-	-	1.25
AS52-80	80A	-	-	1	1.5
AS52-100	100A	-	-	1.5	1.5 / 2.5
AS52-120	120A	-	-	2.5	1.5 / 2.5
AS52-150	150A	-	-	1 / 2.5	2.5 / 5
AS52-200	200A	-	-	1.5 / 3.75	2.5 / 5
AS52-250	250A	1.25	1	2.5 / 5	3.75 / 5
AS52-300	300A	1.5	1.25	3.75 / 5	5 / 7.5
AS52-400	400A	2.5	1.5	3.75 / 5	5 / 7.5

AS53



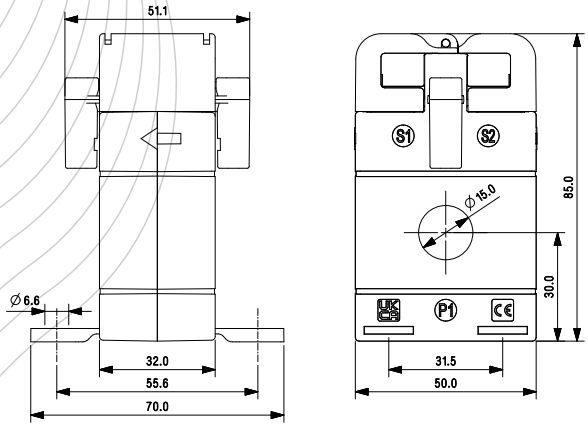
Code No.	Accuracy Class	0.5S	0.2	0.5	1
	Primary Current	Max VA	Max VA	Max VA*	Max VA*
AS53-100	100A	-	-	-	1.5
AS53-120	120A	-	-	1	1 / 1.75
AS53-125	125A	-	-	1	1 / 1.75
AS53-150	150A	-	-	1.5	1.5 / 2.5
AS53-200	200A	-	-	1 / 2.5	2.5 / 3.75
AS53-250	250A	-	-	1.5 / 2.5	2.5 / 5
AS53-300	300A	-	-	5 / 2.5	3.75 / 5
AS53-400	400A	1	1	5 / 3.5	5
AS53-500	500A	1.25	1.25	5 / 3.5	5
AS53- 600	600A	1.5	1.5	5 /3.75	5

*Note : Max VA will be different based on the two different materials used.

AGAM A5x SERIES CURRENT TRANSFORMER

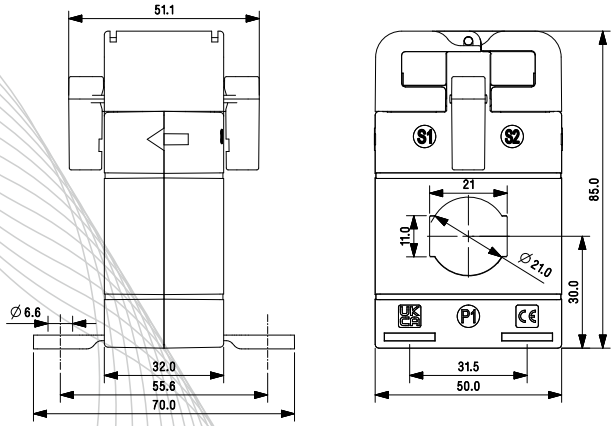
CT Model	A51	A52	A53
Cable Hole Dia (Ø)	15mm	21mm	24mm
Max Busbar Size (mm)	—	21.50 x 14	31 x 11
Dimension (mm)	85 x 50 x 32 (H x W x Depth)		
Primary Current	100A to 300A	50A to 400A	100A to 600A
Secondary Current	1A , 5A		
Accuracy Class	0.5S, 0.2, 0.5 or 1		
Mounting Options	Wall mounting & Busbar mounting		

A51



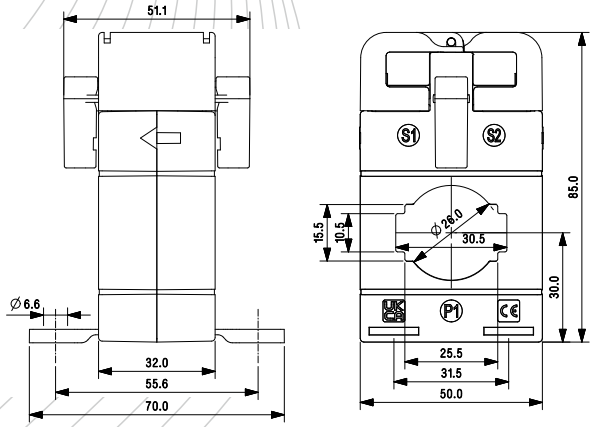
Code No.	Accuracy Class	0.5S	0.2	0.5	1
	Primary Current	Max VA	Max VA	Max VA	Max VA
A51-100	100A	-	-	1	1.5
A51-120	120A	-	-	1	2.5
A51-125	125A	-	-	1.25	2.5
A51-150	150A	-	-	1.5	3.75
A51-200	200A	1.5	1	1.75	3.75
A51-250	250A	1.75	1.25	3.75	5
A51-300	300A	2.5	1.5	5	5

A52



Code No.	Accuracy Class	0.5S	0.2	0.5	1
	Primary Current	Max VA	Max VA	Max VA*	Max VA*
A52-50	50A	-	-	-	1
A52-60	60A	-	-	-	1
A52-75	75A	-	-	-	1.25
A52-80	80A	-	-	1	1.5
A52-100	100A	-	-	1.5	1.5 / 2.5
A52-120	120A	-	-	2.5	1.5 / 2.5
A52-150	150A	-	-	1 / 2.5	2.5 / 5
A52-200	200A	-	-	1.5 / 3.75	2.5 / 5
A52-250	250A	1.25	1	2.5 / 5	3.75 / 5
A52-300	300A	1.5	1.25	3.75 / 5	5 / 7.5
A52-400	400A	2.5	1.5	3.75 / 5	5 / 7.5

A53



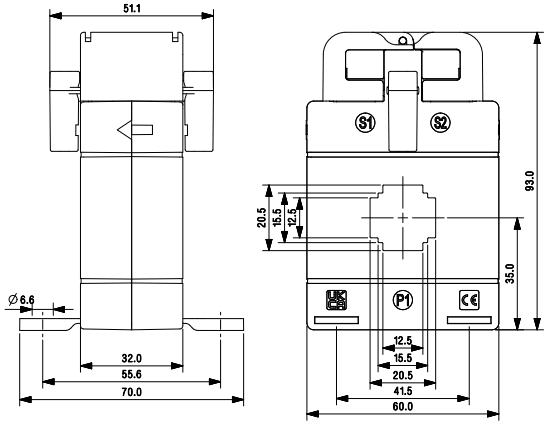
Code No.	Accuracy Class	0.5S	0.2	0.5	1
	Primary Current	Max VA	Max VA	Max VA*	Max VA*
A53-100	100A	-	-	-	1.5
A53-120	120A	-	-	1	1 / 1.75
A53-125	125A	-	-	1	1 / 1.75
A53-150	150A	-	-	1.5	1.5 / 2.5
A53-200	200A	-	-	1 / 2.5	2.5 / 3.75
A53-250	250A	-	-	1.5 / 2.5	2.5 / 5
A53-300	300A	-	-	5 / 2.5	3.75 / 5
A53-400	400A	1	1	5 / 3.5	5
A53-500	500A	1.25	1.25	5 / 3.5	5
A53- 600	600A	1.5	1.5	5 /3.75	5

*Note : Max VA will be different based on the two different materials used.

AGAM A6x SERIES CURRENT TRANSFORMER

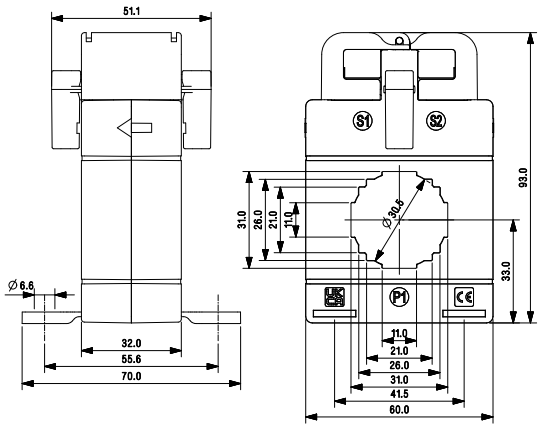
CT Model	A62	A63	A64
Cable Hole Dia (Ø)	—	30.5mm	26.00mm
Max Busbar Size (mm)	41.5 x 12.5	41.5 x 11	41.5 x 11
Dimension (mm)	93 x 60 x 32 (H x W x Depth)		
Primary Current	75A to500A	100A to 800A	100A to 800A
Secondary Current	1A , 5A		
Accuracy Class	0.5S, 0.2, 0.5 or 1		
Mounting Options	Wall mounting & Busbar mounting		

A62



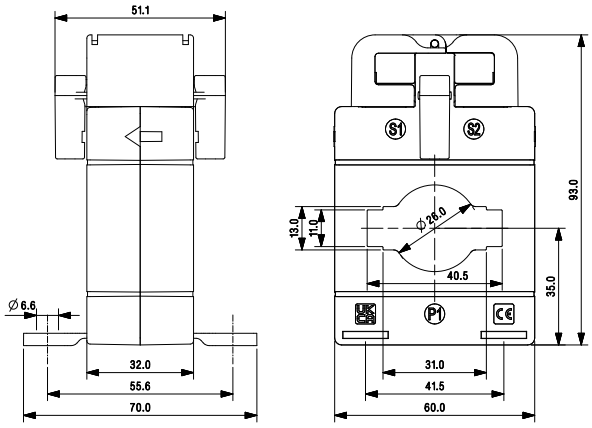
Code No.	Accuracy Class	0.5S	0.2	0.5	1
	Primary Current	Max VA	Max VA	Max VA*	Max VA*
A62-75	75A	-	-	-	1
A62-80	80A	-	-	-	1.5
A62-100	100A	-	-	1	1 / 2.5
A62-120	120A	-	-	2.5	1.25 / 5
A62-125	125A	-	-	2.5	1.25 / 5
A62-150	150A	-	-	1 / 5	2.5 / 5
A62-200	200A	1	-	1.5 / 5	3.75 / 7.5
A62-250	250A	1.25	1	2.5 / 5	5 / 7.5
A62-300	300A	1.5	1.5	3.75 / 6.25	6.25 / 7.5
A62-400	400A	2.5	2.5	5 / 7.5	7.5 / 10
A62-500	500A	3.75	3.75	7.5 / 7.5	10

A63



Code No.	Accuracy Class	0.5S	0.2	0.5	1
	Primary Current	Max VA	Max VA	Max VA	Max VA
A63-100	100A	-	-	-	1
A63-120	120A	-	-	-	1.25
A63-125	125A	-	-	-	1.5
A63-150	150A	-	-	1	2.5
A63-200	200A	-	-	1.25	3.75
A63-250	250A	1	-	1.5	3.75
A63-300	300A	1.25	1	2.5	5
A63-400	400A	1.5	1.5	3.75	6.25
A63-500	500A	2.5	2.5	5	7.5
A63-600	600A	3.75	3.75	5	10
A63-750	750A	5	5	7.5	10
A63-800	800A	5	5	7.5	10

A64



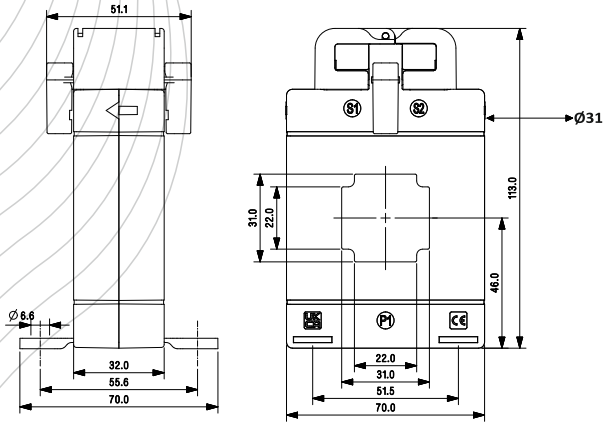
Code No.	Accuracy Class	0.5S	0.2	0.5	1
	Primary Current	Max VA	Max VA	Max VA	Max VA
A64-100	100A	-	-	-	-
A64-150	150A	-	-	-	-
A64-200	200A	-	-	-	2.5
A64-250	250A	-	-	1	2.5
A64-300	300A	1	-	1.5	2.5
A64-400	400A	1.25	1	2.5	5
A64-500	500A	1.5	1.5	5	5
A64-600	600A	2.5	2.5	5	5
A64-750	750A	3.75	3.75	5	5
A64-800	800A	3.75	3.75	5	7.5

*Note : Max VA will be different based on the two different materials used.

AGAM A7x SERIES CURRENT TRANSFORMER

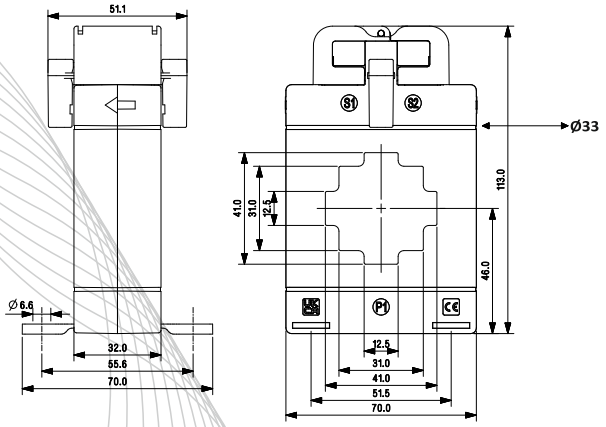
CT Model	A73	A74	A75
Cable Hole Dia (Ø)	31mm	33mm	43mm
Max Busbar Size (mm)	31 x 22	41 x 12.5	51 x 22
Dimension (mm)	113 x 70 x 32 (H x W x Depth)		
Primary Current	100A to 800A	200A to 1000A	250A to 1000A
Secondary Current	1A , 5A		
Accuracy Class	0.2S, 0.5S, 0.2, 0.5 or 1		
Mounting Options	Wall mounting & Busbar mounting		

A73



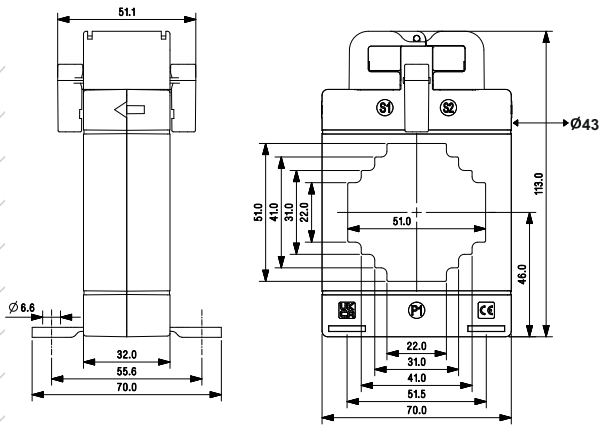
Code No.	Accuracy Class	0.2S	0.5S	0.2	0.5	1
	Primary Current	Max VA	Max VA	Max VA	Max VA	Max VA
A73-100	100A	-	-	-	-	1
A73-125	125A	-	-	-	-	1
A73-150	150A	-	-	-	1	2.5
A73-200	200A	-	1.5	-	2.5	5
A73-250	250A	-	2.5	1	3.75	7.5
A73-300	300A	-	3.75	1.5	5	10
A73-400	400A	-	5	2.5	7.5	15
A73-500	500A	-	6.25	5	10	15
A73-600	600A	5	7.5	6.25	10	15
A73-750	750A	5	7.5	7.5	15	15
A73-800	800A	5	7.5	7.5	15	15

A74



Code No.	Accuracy Class	0.2S	0.5S	0.2	0.5	1
	Primary Current	Max VA	Max VA	Max VA	Max VA	Max VA
A74-200	200A	-	-	-	1	2.5
A74-250	250A	-	1	-	1.5	2.5
A74-300	300A	-	1.25	-	3.75	5
A74-400	400A	-	1.5	1.5	5	5
A74-500	500A	-	1.75	1.75	5	7.5
A74-600	600A	-	2.5	2.5	5	7.5
A74-750	750A	-	3.75	3.75	7.5	10
A74-800	800A	-	3.75	3.75	7.5	10
A74-1000	1000A	3.75	5	5	7.5	10

A75

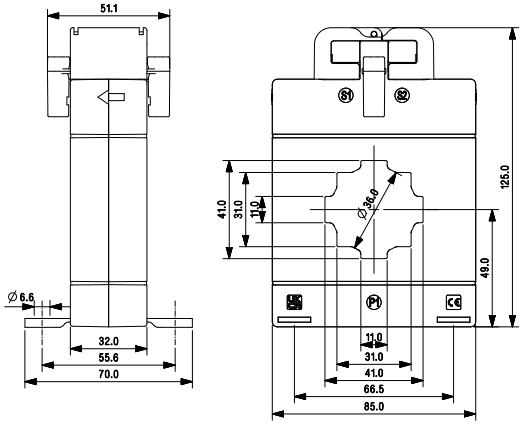


Code No.	Accuracy Class	0.2S	0.5S	0.2	0.5	1
	Primary Current	Max VA	Max VA	Max VA	Max VA	Max VA
A75-250	250A	-	-	-	1	2.5
A75-300	300A	-	-	-	1	2.5
A75-400	400A	-	-	-	1	3.75
A75-500	500A	-	1	-	1	3.75
A75-600	600A	-	1.25	1	1	3.75
A75-750	750A	-	1.5	1.25	2.5	5
A75-800	800A	-	1.75	1.5	2.5	5
A75-1000	1000A	-	2.5	2.5	3.75	7.5

AGAM A8x SERIES CURRENT TRANSFORMER

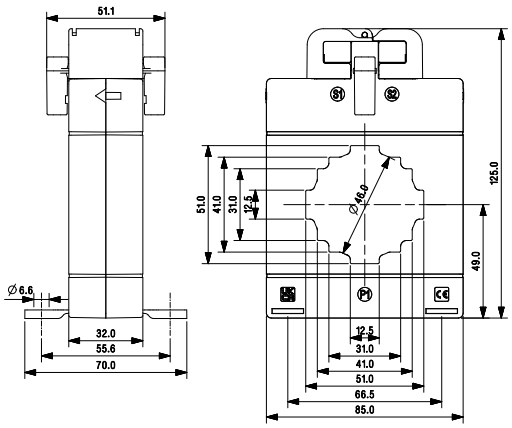
CT Model	A84	A85	A86
Cable Hole Dia (Ø)	36mm	46mm	51mm
Max Busbar Size (mm)	41 x 11	51 x 12.5	61 x 15
Dimension (mm)	125 x 85 x 32 (H x W x Depth)		
Primary Current	120A to 1000A	250A to1250A	300A to1600A
Secondary Current	1A , 5A		
Accuracy Class	0.2S, 0.5S, 0.2, 0.5 or 1		
Mounting Options	Wall mounting & Busbar mounting		

A84



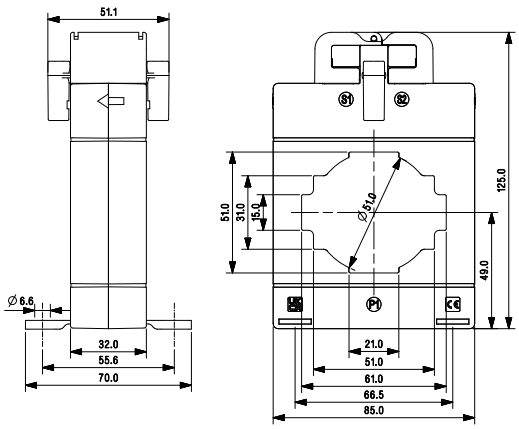
Code No.	Accuracy Class	0.2S	0.5S	0.2	0.5	1
	Primary Current	Max VA	Max VA	Max VA	Max VA	Max VA
A84-120	120A	-	-	-	-	1.5
A84-125	125A	-	-	-	1	1.5
A84-150	150A	-	-	-	1.5	2.5
A84-200	200A	-	-	-	2.5	5
A84-250	250A	-	-	-	3.75	7.5
A84-300	300A	-	-	-	5	7.5
A84-400	400A	-	-	-	7.5	10
A84-500	500A	5	10	10	15	15
A84-600	600A	7.5	10	10	15	15
A84-750	750A	7.5	10	10	15	15
A84-800	800A	10	12.5	12.5	15	20
A84-1000	1000A	15	15	15	20	25

A85



Code No.	Accuracy Class	0.2S	0.5S	0.2	0.5	1
	Primary Current	Max VA	Max VA	Max VA	Max VA	Max VA
A85-250	250A	-	-	-	2.5	5
A85-300	300A	-	-	-	3.75	7.5
A85-400	400A	-	-	-	5	15
A85-500	500A	1	5	3.75	7.5	15
A85-600	600A	2.5	7.5	5	10	15
A85-750	750A	5	7.5	7.5	15	15
A85-800	800A	7.5	10	10	15	20
A85-1000	1000A	10	12.5	12.5	20	20
A85-1200	1200A	10	12.5	12.5	20	20
A85-1250	1250A	10	12.5	12.5	20	20

A86

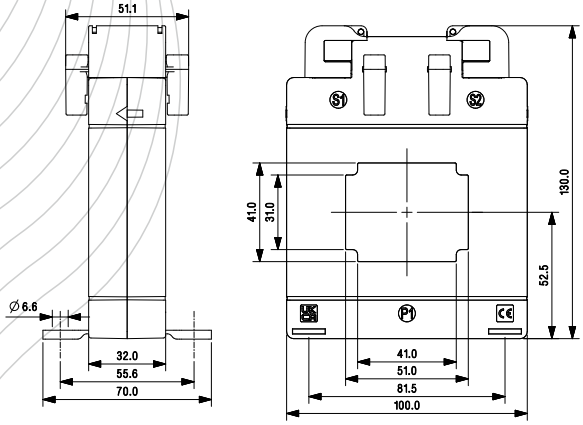


Code No.	Accuracy Class	0.2S	0.5S	0.2	0.5	1
	Primary Current	Max VA	Max VA	Max VA	Max VA	Max VA
A86-300	300A	-	-	-	1.5	3.75
A86-400	400A	-	-	-	3.75	7.5
A86-500	500A	-	2.5	1.5	5	7.5
A86-600	600A	1	5	2.5	7.5	10
A86-750	750A	1.5	6.25	3.75	7.5	10
A86-800	800A	1.75	6.25	3.75	10	10
A86-1000	1000A	3.75	7.5	5	10	15
A86-1200	1200A	5	7.5	7.5	15	15
A86-1250	1250A	5	7.5	7.5	15	15
A86-1500	1500A	5	7.5	7.5	15	15
A86-1600	1600A	7.5	10	10	15	15

AGAM A10x SERIES CURRENT TRANSFORMER

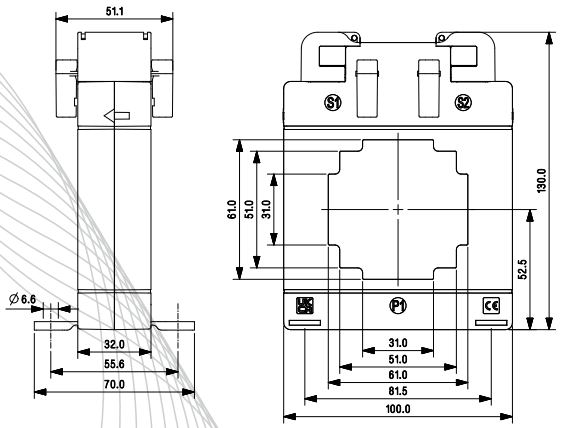
CT Model	A105	A106	A108
Cable Hole Dia (Ø)	40mm	58mm	61mm
Max Busbar Size (mm)	50 x 30	60 x 30	83 x 22
Dimension (mm)	130 x 100 x 32 (H x W x Depth)		
Primary Current	200A to 1600A	200A to 1600A	500A to 2000A
Secondary Current	1A , 5A		
Accuracy Class	0.2S, 0.5S, 0.2, 0.5 or 1		
Mounting Options	Wall mounting & Busbar mounting		

A105



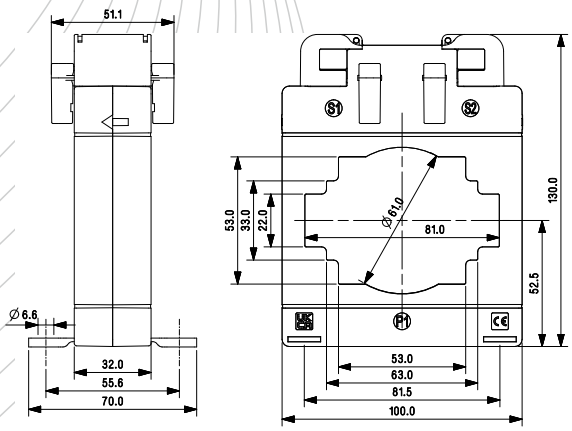
Code No.	Accuracy Class	0.2S	0.5S	0.2	0.5	1
	Primary Current	Max VA	Max VA	Max VA	Max VA	Max VA
A105-200	200A	-	-	-	2.5	5
A105-250	250A	-	-	-	5	7.5
A105-300	300A	-	-	-	7.5	10
A105-400	400A	-	-	-	10	15
A105-500	500A	-	5	3.75	15	15
A105-600	600A	2.5	6.25	5	15	20
A105-750	750A	5	10	7.5	15	20
A105-800	800A	7.5	10	10	20	20
A105-1000	1000A	10	12.5	12.5	20	20
A105-1200	1200A	12.5	15	15	20	20
A105-1250	1250A	12.5	15	15	20	20
A105-1500	1500A	10	12.5	12.5	20	25
A105-1600	1600A	12.5	15	15	20	25

A106



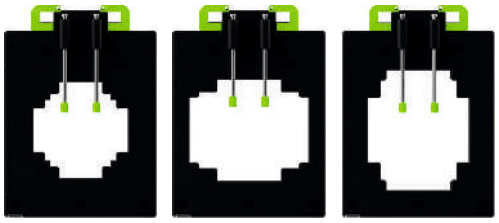
Code No.	Accuracy Class	0.2S	0.5S	0.2	0.5	1
	Primary Current	Max VA	Max VA	Max VA	Max VA	Max VA
A106-200	200A	-	-	-	1	2.5
A106-250	250A	-	-	-	1	2.5
A106-300	300A	-	-	-	2.5	5
A106-400	400A	-	-	-	5	10
A106-500	500A	-	-	-	10	15
A106-600	600A	-	3.75	2.5	15	15
A106-750	750A	-	5	2.5	15	15
A106-800	800A	-	7.5	5	15	15
A106-1000	1000A	5	10	7.5	15	20
A106-1200	1200A	7.5	12.5	10	15	20
A106-1250	1250A	7.5	12.5	10	15	20
A106-1500	1500A	10	12.5	12.5	15	20
A106-1600	1600A	12.5	15	15	15	20

A108



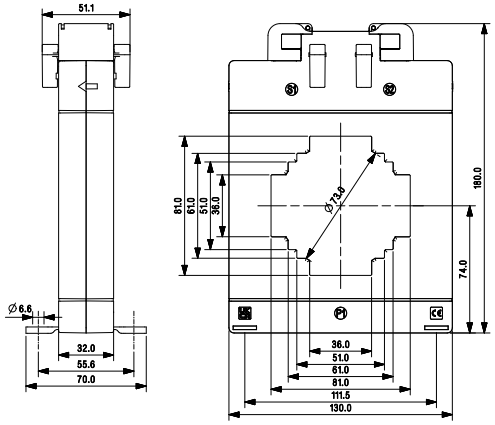
Code No.	Accuracy Class	0.2S	0.5S	0.2	0.5	1
	Primary Current	Max VA	Max VA	Max VA	Max VA	Max VA
A108-500	500A	-	-	-	5	10
A108-600	600A	-	2.5	1.5	5	10
A108-750	750A	-	3.75	1.75	7.5	12.5
A108-800	800A	-	5	2.5	10	15
A108-1000	1000A	-	5	5	10	15
A108-1200	1200A	5	7.5	7.5	10	15
A108-1250	1250A	5	7.5	7.5	10	15
A108-1500	1500A	6.25	10	10	10	15
A108-1600	1600A	7.5	10	10	10	15
A108-2000	2000A	7.5	10	10	10	15

AGAM A13x SERIES CURRENT TRANSFORMER



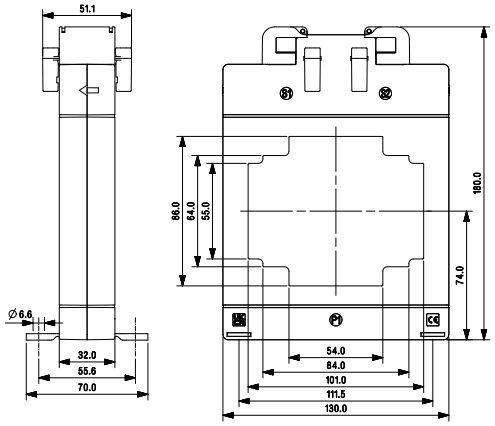
CT Model	A138	A1310H	A1310V
Cable Hole Dia (Ø)	73mm	83mm	83mm
Max Busbar Size (mm)	81 x 36	101 x 55	86 x 54
Dimension (mm)	180 x 130 x 32 (H x W x Depth)		
Primary Current	400A to 2000A	600A to 3200A	600A to 3200A
Secondary Current	1A , 5A		
Accuracy Class	0.2S, 0.5S, 0.2, 0.5 or 1		
Mounting Options	Wall mounting & Busbar mounting		

A138



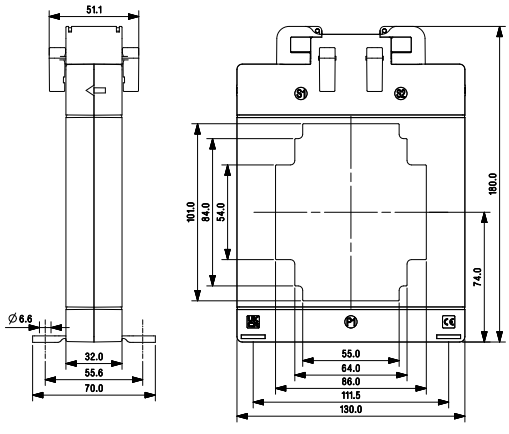
Code No.	Accuracy Class	0.2S	0.5S	0.2	0.5	1
	Primary Current	Max VA	Max VA	Max VA	Max VA	Max VA
A138-400	400A	-	-	-	1.5	5
A138-500	500A	-	-	-	5	7.5
A138-600	600A	-	2.5	1	5	10
A138-630	630A	-	2.5	1	5	10
A138-750	750A	-	3.75	2.5	10	15
A138-800	800A	-	3.75	2.5	10	15
A138-1000	1000A	-	5	3.75	10	15
A138-1250	1250A	-	7.5	5	10	15
A138-1500	1500A	5	10	7.5	10	15
A138-1600	1600A	5	10	7.5	15	20
A138-2000	2000A	7.5	12.5	10	15	20

A1310H

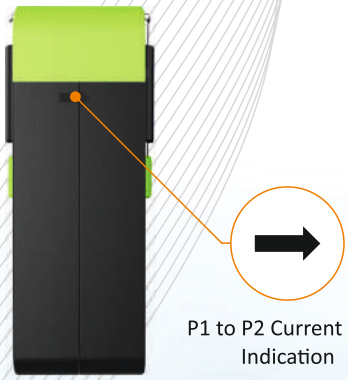


Code No.	Accuracy Class	0.2S	0.5S	0.2	0.5	1
	Primary Current	Max VA	Max VA	Max VA	Max VA	Max VA
A1310H-600	600A	-	-	-	5	10
A1310H-630	630A	-	-	-	5	10
A1310H-750	750A	-	-	-	5	10
A1310H-800	800A	-	-	-	7.5	10
A1310H-1000	1000A	-	2.5	1.5	10	15
A1310H-1250	1250A	-	3.75	2.5	15	15
A1310H-1500	1500A	1.25	5	3.75	15	15
A1310H-1600	1600A	1.75	5	5	15	15
A1310H-2000	2000A	5	6.25	5	15	20
A1310H-2400	2400A	5	6.25	5	15	20
A1310H-2500	2500A	6.25	7.5	6.25	15	20
A1310H-3000	3000A	7.5	10	10	15	20
A1310H-3200	3200A	7.5	10	10	20	20

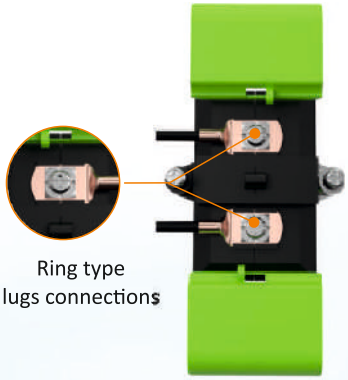
A1310V



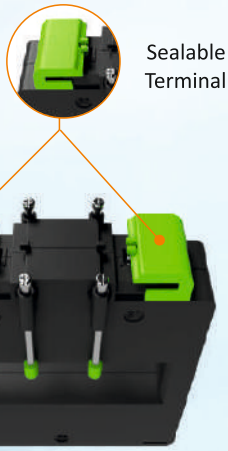
Code No.	Accuracy Class	0.2S	0.5S	0.2	0.5	1
	Primary Current	Max VA	Max VA	Max VA	Max VA	Max VA
A1310V-600	600A	-	-	-	5	10
A1310V-630	630A	-	-	-	5	10
A1310V-750	750A	-	-	-	5	10
A1310V-800	800A	-	-	-	7.5	10
A1310V-1000	1000A	-	2.5	1.5	10	15
A1310V-1250	1250A	-	3.75	2.5	15	15
A1310V-1500	1500A	1.25	5	3.75	15	15
A1310V-1600	1600A	1.75	5	5	15	15
A1310V-2000	2000A	5	6.25	5	15	20
A1310V-2400	2400A	5	6.25	5	15	20
A1310V-2500	2500A	6.25	7.5	6.25	15	20
A1310V-3000	3000A	7.5	10	10	15	20
A1310V-3200	3200A	7.5	10	10	20	20



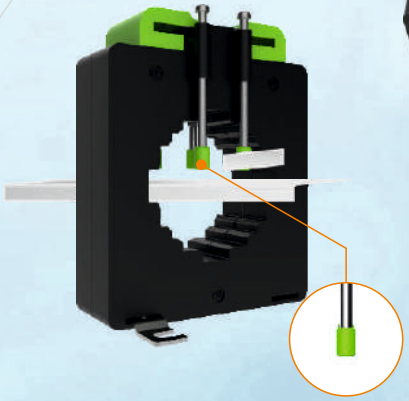
P1 to P2 Current flow
Indication



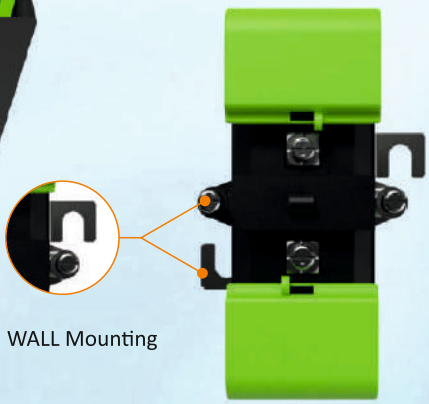
Ring type
lugs connections



Sealable Sliding
Terminal Covers



BUSBAR
Mounting



WALL Mounting

Agam

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