



# AS CT SERIES



**CROMPTON INSTRUMENTS**  
**CURRENT TRANSFORMERS**



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Crompton's range of CT's offer wide system current ratings, apertures, busbar and case sizes to suit every application. Manufactured to meet IEC61869-2, and available in both 5A or 1A secondary current. Including a comprehensive range of class accuracies, hinged wire sealable terminal covers for safety and multiple mounting options including Busbar, DIN rail and wall mounting.

**SPECIFICATION**

|   |  |
|---|--|
| Approval Standard                                 | IEC 61869-2, BS3839  |
| System Voltage                                    | 720V maximum   |
| Secondary Current                                 | 5A or 1A (Contact PMK Sales for details)   |
| Test Voltage                                      | 3KV 50Hz for 1 min   |
| Operating Frequency                               | 50Hz or 60Hz   |
| Thermal short circuit current (I <sub>th</sub> )  | 60 x rated current for 1 Second  |
| Continuous Overload Withstand                     | 1.2 x rated primary current  |
| Dynamic short circuit current (I <sub>dyn</sub> ) | 2.5 x I <sub>th</sub>  |
| Operating temperature                             | -20°C...+50°C  |
| Rated Security Factor                             | F <sub>s</sub> <5  |
| Accuracy  | 0.5%, 1% & 3% where stated   |
| Insulation Class                                  | Class B (130°C Maximum) For core winding   |
| Case enclosure                                    | 10% glass filled polycarbonate Flame retardant grades classified UL94V-0               |
| Mounting Hardware                                 | Plug-in metal feet for wall or base mounting, Busbar (Included) or DIN rail (Optional) |
| Connection  | Two connections each side. M4 screws with self-lifting clamp assembly                  |

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## PRICE LIST

| Model Number | Ratio (A) | Class | Burden (VA) | Price (Baht) |
|--------------|-----------|-------|-------------|--------------|
| AS0-30/5A    | 30/5A     | 0.5   | 5           | 1,600        |
| AS1A-50/5A   | 50/5A     | 0.5   | 2.5         | 1,600        |
| AS1A-60/5A   | 60/5A     | 0.5   | 2.5         | 1,600        |
| AS1B-100/5A  | 100/5A    | 0.5   | 2.5         | 1,500        |
| AS1B-150/5A  | 150/5A    | 0.5   | 3.75        | 1,550        |
| AS1B-200/5A  | 200/5A    | 0.5   | 3.75        | 1,600        |
| AS1B-250/5A  | 250/5A    | 0.5   | 5           | 1,600        |
| AS1B-300/5A  | 300/5A    | 0.5   | 5           | 1,650        |
| AS2-400/5A   | 400/5A    | 0.5   | 5           | 1,700        |
| AS2-500/5A   | 500/5A    | 0.5   | 5           | 1,700        |
| AS3-600/5A   | 600/5A    | 0.5   | 10          | 2,000        |
| AS3-800/5A   | 800/5A    | 0.5   | 10          | 2,200        |
| AS5-1000/5A  | 1000/5A   | 0.5   | 10          | 2,300        |
| AS5-1200/5A  | 1200/5A   | 0.5   | 10          | 2,650        |
| AS5-1500/5A  | 1500/5A   | 0.5   | 10          | 2,900        |
| AS5-1600/5A  | 1600/5A   | 0.5   | 10          | 2,900        |
| AS6-2000/5A  | 2000/5A   | 0.5   | 15          | 3,250        |
| AS6-2500/5A  | 2500/5A   | 0.5   | 15          | 3,500        |
| AS6-3000/5A  | 3000/5A   | 0.5   | 15          | 4,000        |
| AS6-4000/5A  | 4000/5A   | 0.5   | 15          | 4,800        |

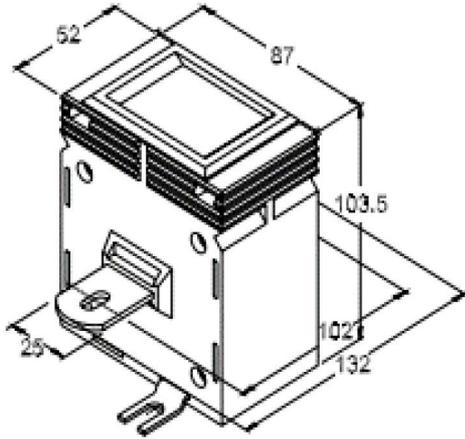
| Case Type | Width (W)mm | Depth (D) mm | Height (H) mm | Busbar Sizes                            | Cable Dia. $\phi$ |
|-----------|-------------|--------------|---------------|---|-------------------|
| AS0       | 87          | 52           | 103.5         | N/A                                     | M8 Stud           |
| AS1A      | 74.5        | 52           | 98.5          | 31.5 x 11mm, 26 x 21.5mm                | 28mm              |
| AS1B      | 74.5        | 45           | 98.5          | 31.5 x 11mm, 26 x 21.5mm                | 28mm              |
| AS2       | 74.5        | 45           | 98.5          | 41.5 x 11mm, 31.5 x 21mm, 26.5 x 26.5mm | 33mm              |
| AS3       | 101         | 45           | 126           | 61 x 21mm, 52 x 25mm                    | 52mm              |
| AS5       | 144         | 45           | 163.5         | 101 x 22mm, 81 x 45mm                   | 85.5mm            |
| AS6       | 192         | 45           | 222.5         | 130.5 x 11mm, 126 x 58mm                | 126.5mm           |

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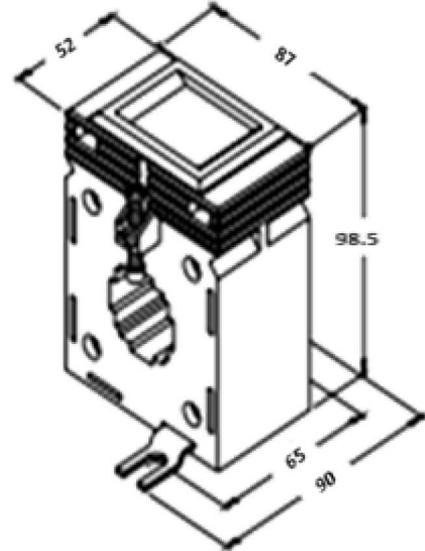
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DIMENSIONS

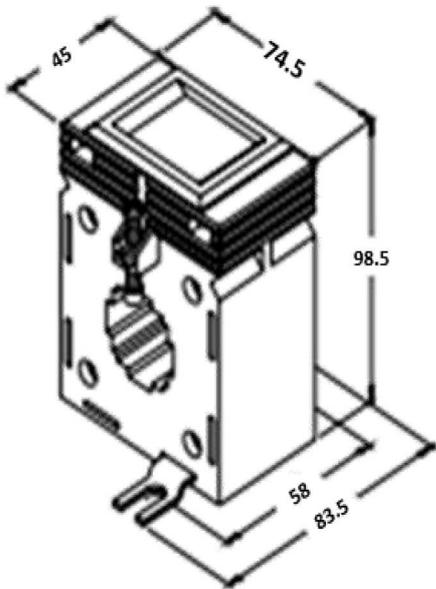
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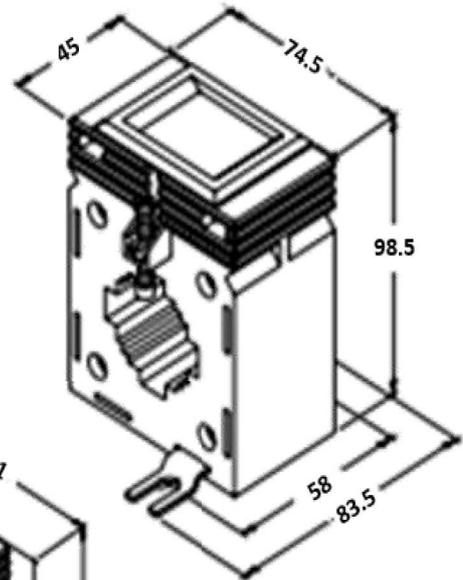
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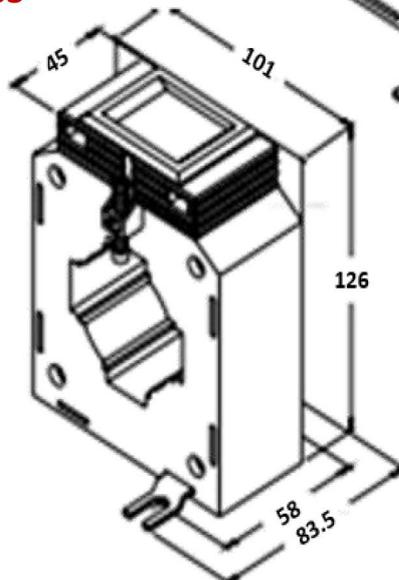
AS1B



AS2

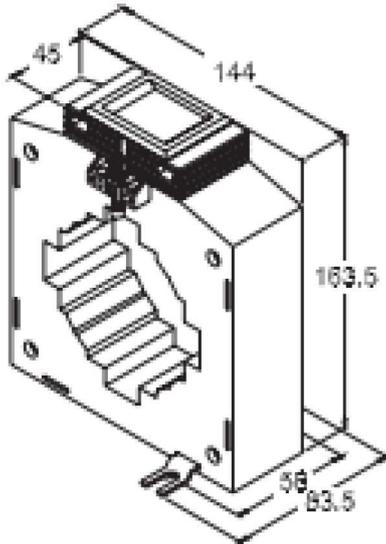


AS3

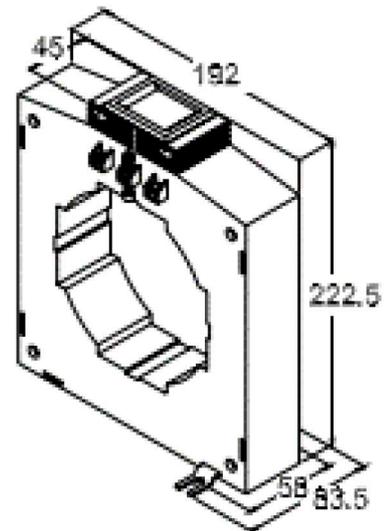


## DIMENSIONS

AS5



AS6



### Contact Us

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