INSTALLATION INSTRUCTION

Analogue Instruments
Panel Indicators Smart Look Series

Installation

The product should be panel mounted using the mounting kit provided. Consideration should be given to the space required behind the unit to allow for bends in the connecting cables. Additional protection to the panel may be obtained by the use of an optional panel gasket. The terminals at the rear of the case should be protected from liquids. Units should be mounted in a reasonably stable ambient temperature.

The unit should not be mounted where it can be subjected to excessive direct sunlight and vibration should be kept to a minimum. Connection wires should be sized to comply with local regulations and should be terminated on to tags suitable for screw connection. The products do not have internal fuses therefore; external fuses must be used for safety protection under fault conditions.

Electromagnetic Compatibility (EMC) Installation Requirements

This product range has been designed to meet the certification requirements of the EU Directives when installed to a good codeof practice for EMC in industrial environments. e.g

1. Screen all leads. In the event of RF fields causing problems where screened leads can not be used, provision for fitting RF suppression components, such as ferrite absorbers, line filters etc., must be made.N.B.It is good practice to install sensitive electronic instruments that are performing critical functions, in EMC enclosures that protect against electrical interference causing a disturbance in function.
2. Avoid routing leads alongside cables and products that are, or could be, a source of interference.
3. To protect the product against permanent damage, surge transients must be limited to 2kV pk
4. Electro Static Discharge (ESD) precautions must be taken at all times when handling this product.

For assistance on protection requirements please contact your local sales office.

Low Voltage Directive: This product compiles with BSEN61010-1.

Smart Look Series

Where, models have different terminal markings all options are illustrated. Voltage circuits should be fused. When practical, Instrument circuits should be earthed at one point. C.Ts must not be open circuited on load.

Total lead resistance of 0.035 Ohm is considered for mV ranges while calibration.

Indoor Use
Altitude up to 2000m or above 2000m if specified by the manufacturer.
Temperature 0 to 40°C;
Maximum relative humidity 80% for temperatures up to 31 'C decreasing linearly to 50% relative Humidity at 40°C;
Mains supply voltage fluctuations not to exceed 10% of the nominal voltage;
Other supply voltage fluctuations as stated by the manufacturer;
Transient over voltage according to INSTALLATION CATEGORIES (OVER VOLTAGE CATEGORIES) I, II and III (see Annex J). For mains supply the minimum and normal category is II;
POLLUTION DEGREE 1 or 2 in accordance with IEC 664

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PRECISION INSTRUMENTATION

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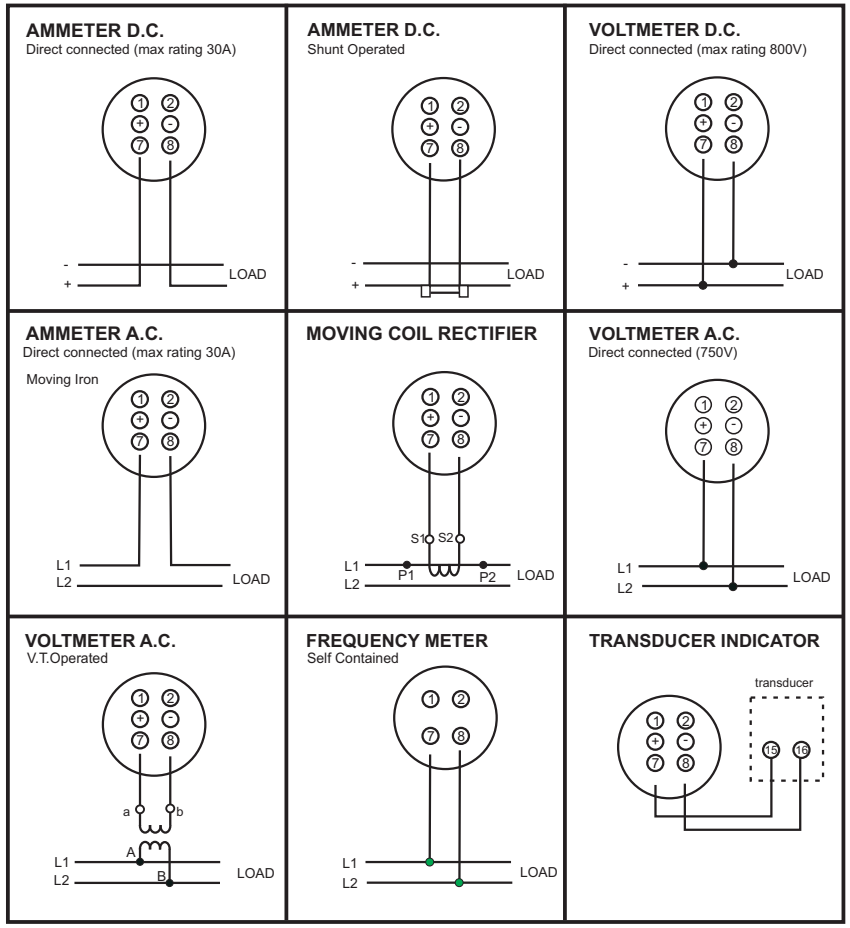

The information contained in these installation instructions is for use only by installers trained to make electrical power installations and is intended to describe the correct method of installation for this product. However, the company has no control over the field conditions. Which influence product installation. It is the user's responsibility to determine the suitability of the installation method in the user's field condition. The company has only obligations are those in company's standard Conditions of Sale for this product and in no case will company be liable for any other incidental, indirect or consequential damages arising from the use or misuse of the products.

Note: The meters to be used in a panel or setup which is grounded

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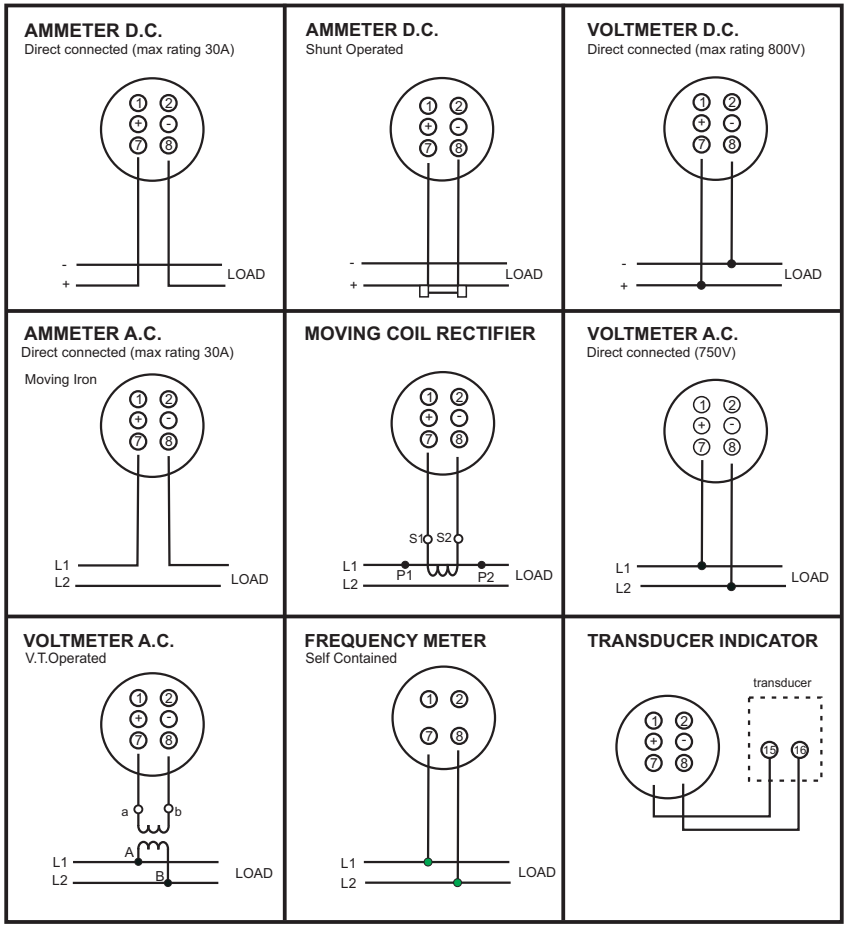
IC : AMAN-00IM-0077
Rev: B 08.18



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