

ANALOGUE PANEL METER : SiLF



Operating Manual

For Analogue Panel Meter type SiLF

1.0 General :

This meter complies with International standard IEC 1010-1 for safety and is conforming to routine tests as per IEC 60051-1. The test equipment used is traceable to National/International standards.

This product must be used after mounting in panel with hardware supplied, with wires permanently connected to terminals as specified.

2.0 Meaning of Symbols :



3.0 Safety specifications (IEC1010) :

- * Indoor use
- * Altitude up to 2000m
- * Temp. -10 to +55°C
- * Basic Insulation
- * Pollution degree 2
- * Installation Category (overvoltage category) : 300V CAT III

4.0 Equipment Installation :

- * Due consideration should be given to space behind the meter to allow for bends in connecting cables.
- * Ensure that wires do not remain under tension.
- * The product do not have internal protection against overload & short circuit. Hence external safety protection should be provided. It is recommended to install protective device near equipment.

5.0 Operation & Maintenance :

- * Equipment must be installed & maintained by authorised, qualified & trained person.
- * If equipment is used in a manner not specified by the manufacturer, the protection provided by the equipment may be impaired.
- * Instrument with damaged bezels or glasses must be disconnected from mains.
- * Back cover must be snapped into place for protection against accidental contact/shock.
- * Disconnect supply before replacing scales, bezels or glasses.
- * There are no user serviceable parts in this product.
- * Instruments to be used in grounded panel.

6.0 Equipment Rating :

As per information on sticker & Dial of instrument.

Separate instruments are available for measurement of single phase & 3 phase 3 wire or 4 wire system power factor. For 3 phase 4 wire balanced load either of the two can be used.

7.0 Equipment Rating :

The meter requires a minimum of 5 minutes with 100% of rated voltage & 80% of the rated current applied to get warmed up.

8.0 Equipment Rating :

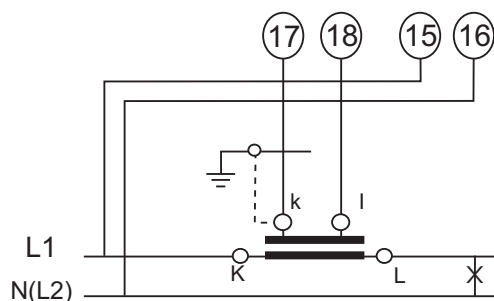
- 1) EMC directive 2004/108/EC as amended by directive 93/68/EEC
- 2) Low voltage directive 2006/95/EC as amended by directive 93/68/EEC.

9.0 Burden :

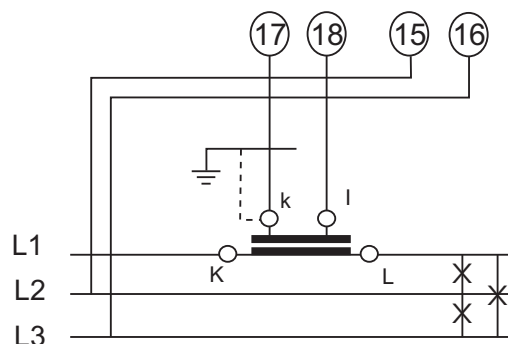
Current path	:	≤ 1.0 VA
Voltage path	:	≤ 3.0 VA

Connections

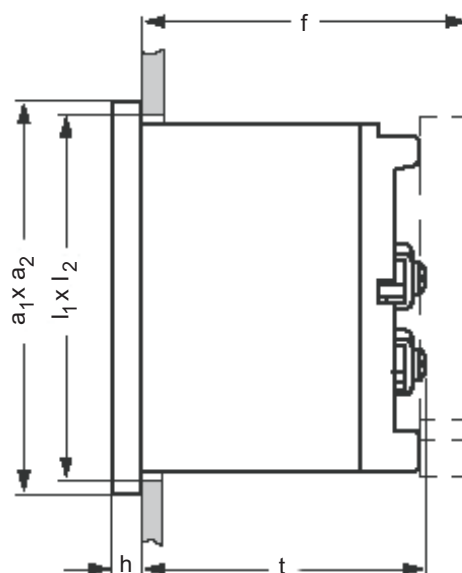
SiLF 72/96 Single phase



SiLF 72/96 three phase three wire balanced load



Dimensions



Front in mm	Nominal Dimensions, mm		Cutout, mm $l_1 \times l_2$	Installation Depth Including Terminal (t), mm	Installation Depth Incl. Full Cover (f), mm
	$a_1 \times a_2$	h			
72 x 72	72 x 72	5.5	$68^{0.8}_{0.8} \times 68^{0.8}_{0.8}$	82.5	—
96 x 96	96 x 96	5.5	$92^{0.8}_{0.8} \times 92^{0.8}_{0.8}$	54	62.5

Subject to change without notice!

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