## Features:

▶ Available in 48 x 96 sizes
▶ 1 Line 4 Digit ultra bright LED display
▶ State of art micro controller based design
▶ Site Programmable Shunt
▶ Auto ranging
▶ Universal Auxiliary supply

## Advantages:

▶ Compact
▶ To indentify inefficiency of Machine / Man
▶ Reduce panel space, wiring and installation time

## Applications:

▶ Control Panel
▶ Distribution System
▶ Generator sets
▶ Motor Control
▶ Test Bench
▶ Energy Management
▶ Process Control & SCADA

## Supply Voltage

| | |
|---|---|
| Auxiliary Supply | 90-270V AC/DC (±15%) |
| Frequency | 50/60 Hz |

## Display

| | |
|---|---|
| Display | 4 digits 7 segment LED display |
| Digit Height | 0.56" (14.3mm) |
| Display Range | -9999 to +9999 |

## Input Specifications

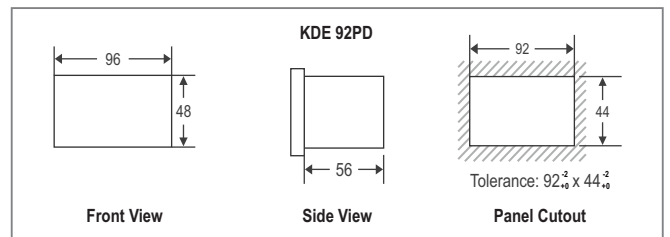| | |
|---|---|
| Input Voltage Range | 0 - 5A / 0 - 20A / 0 - 75mV consult factory for other ranges |
| Accuracy | Class 1 |
| Resolution | Auto ranging |
| Update Time | 1 Sec. |

## Environmental Specifications

| | |
|---|---|
| Temperature | Operating : -10° to 55°C Storage : -20° to 75°C |
| Humidity | < 95% RH |

## Mechanical Specifications

| | |
|---|---|
| Mounting | Flush Mounting with Side Clamps |
| Weight | 180 g |
| Enclosure Material | ABS Thermoplastic |

## Dimension



**KDE 92PD**

96
48
Front View

56
Side View

92
44
Tolerance: $92^{.2}_{+0}$ x $44^{.2}_{+0}$
Panel Cutout

## Applicable Standards

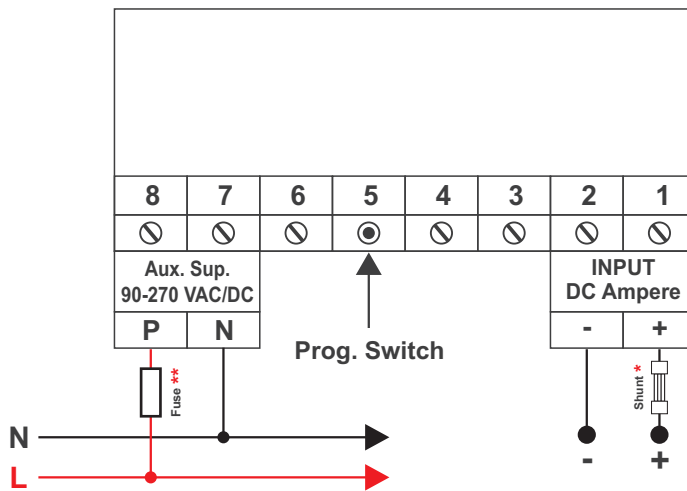| | |
|---|---|
| Radio Interference Suppression | CISPR22 |
| Fast Transient Burst Test | IEC61000-4.4 |
| Damped Oscillatory Waves Immunity Test | IEC61000-4.12 |
| Test of Immunity to Electromagnetic RF Fields | IEC61000-4.3 |
| Test of Immunity to Conducted Disturbances, Induced by Radio-Frequency Fields | IEC61000-4.6 |
| Test of Immunity to Electrostatic Discharges | IEC61000-4.2 |
| Surge Immunity Test | IEC61000-4.5 |
| Test of Protection Against Penetration of Dust & Water | IEC60529 |

## Ordering Information

| Ordering Code | Description |
|---|---|
| KDE 92PD-5A | DC Ammeter (96 x 48) 0 - 5A |
| KDE 92PD-20A | DC Ammeter (96 x 48) 0 - 20A |
| KDE 92PD-75mV | DC Ammeter (96 x 48) 0 - 75mV |

## Safety Standards

| | |
|---|---|
| Safety Standard | IEC61010-1 |
| Pollution Degree | 2 |
| Installation Category | III |
| High Voltage Test | 3.3 kV AC, 50Hz for 1 Minute<br>Between Aux.& Measuring Inputs |

## Connection Diagram

**KDE 92PD Terminal Connection** (96x48)

| 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 |
|---|---|---|---|---|---|---|---|
| ⊘ | ⊘ | ⊘ | ⊙ | ⊘ | ⊘ | ⊘ | ⊘ |

**Aux. Sup.**
**90-270 VAC/DC**

| P | N |
|---|---|

**Prog. Switch**

**INPUT**
**DC Ampere**

| - | + |
|---|---|

Fuse **

N

L

Shunt *

-  +

**\*** Connect Shunt Only for Shunt Programmable Ammeter, Shunt not provided with meter