The picoPak™ AC Current Transducer is just 8mm wide and converts 0-5A from the secondary of a current transformer (CT) to 4-20mA. The output is loop powered. Isolation is provided by the external CT (not provided by Weidmüller).

Features include:
- just 8mm wide
- mounts on 32mm and 35mm DIN rails
- withstands surge current up to 35A for 100ms
- CSA approved
picoPak LCCS AC Current Transducer

### Rated Data

#### Input
- **Range**: AC current, sinusoidal non-distorted
- **Impedance**: 10mA (shunt resistor)
- **Maximum ratings/ type of protection**: 350Vac up to 100ms (0.35Vac) not applicable

#### Output
- **Range**: DC current
- **Load**: 4-20mA
- **Burnout Level**: 0-500mA or Rmax = 0.02V
- **Span Adjustment**: 25mA typical clamping level for overcurrent input

#### Supply
- **Range**: DC voltage in output loop (2 wire)
- **Consumption**: 20-28Vdc, 24Vdc nominal
- **Burnout Level**: 25mA maximum

### General
- **Accuracy/ Linearity**: 0.4% max. over temperature range
- **Response time, 90% span**: <400ms for a 0 to 5 Aac step
- **Zero Adjustment**: none
- **Span Adjustment**: none, provided by load wire insulation and external current transformer 1)
- **Operating/ Storage temperature**: 0°C to 50°C/ -20°C to 70°C
- **Housing (mounting)**: DK6 (TS32 and TS35)
- **Dimensions in mm (length x width x height)**: 83.4 x 8 x 78.5
- **Wire range (conductor size)**: 22-12AWG (0.5-4.0mm²)
- **Tightening torque/ insulation stripping length**: 0.4 Nm. max./ 7mm
- **CSA**:

### Ordering Data
- **picoPak**: Endplate (width)
- **Ordering Data**: picoPak AC current transducer 991624 0000
- **AP for DK6 (1.5mm)**: C9040396

Terminal blocks specifically for current transformers available

Request a copy of the “Current Measurement : Terminals and Modules” brochure cat #99990095

1) CT not to be grounded or referenced to any other voltage. CT not supplied by Weidmüller.

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[Diagram of picoPak LCCS AC Current Transducer]

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20−28VDC 4−20mA XTNL LOAD<500ohm

8.2mm (9.75mm with end plate)