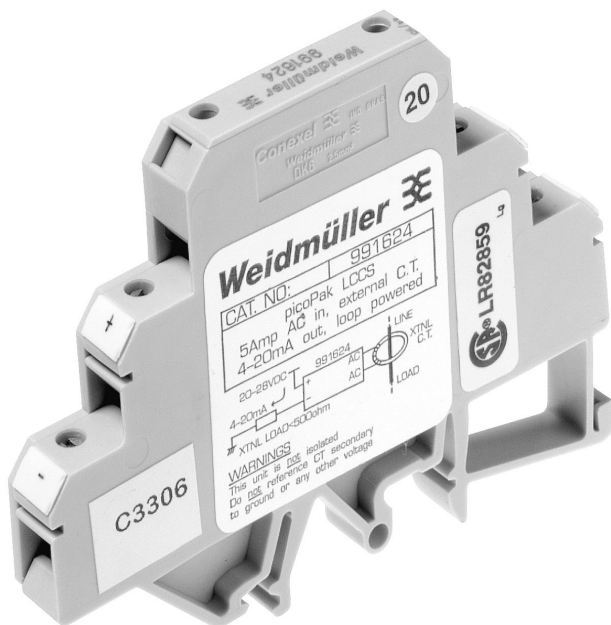


picoPak™ LCCS

AC Current Transducer



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

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picoPak LCSS AC Current Transducer

Rated Data

Input	AC current, sinusoidal non-distorted
Range	0-5Aac
Impedance	10m Ω (shunt resistor)
Maximum ratings/ type of protection	35Aac up to 100ms (0.35Vac)
Field device excitation	not applicable
Other input specification	
Other input specification	
Output	DC current
Range	4-20mA
Load	0-500 Ω or $R_{max} = (V_s - 14)/0.02\Omega$
Burnout Level	25mA typical clamping level for overcurrent input
Zero Adjustment	
Span Adjustment	
Protection	
Other output specification	
Other output specification	
Supply	DC voltage in output loop (2 wire)
Range	20-28Vdc, 24Vdc nominal
Consumption	25mA maximum
General	
Accuracy/ Linearity	0.4% max. over temperature range
Temperature coefficient (drift)	
Transmission frequency	
Response time, 90% span	<400ms for a 0 to 5 Aac step
Other general specification	
Status LED	none
Isolation (# of ports)	none, provided by load wire insulation and external current transformer ¹⁾
Operating/ Storage temperature	0°C to 50°C/ -20°C to 70°
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 (0.5-4.0mm ²)
Tightening torque/ insulation stripping length	0.4 Nm. max./ 7mm
Approvals	CSA

Ordering Data

	Type	Cat. No.
picoPak	picoPak AC current transducer	991624 0000
Endplate (width)	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

