

# AC Voltage/Current Transducers Models DL/Vac and DL/Iac

## Technical Specifications Assembly Diagram

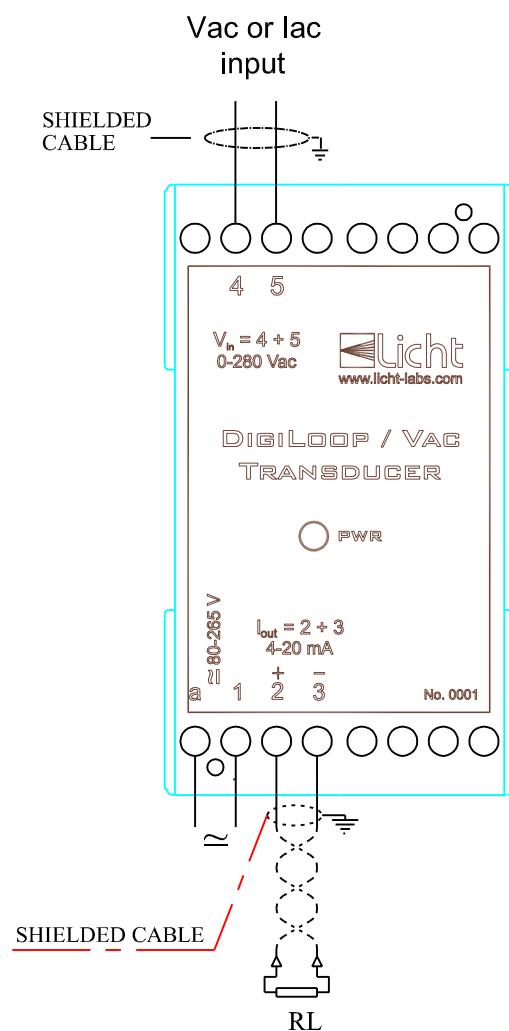
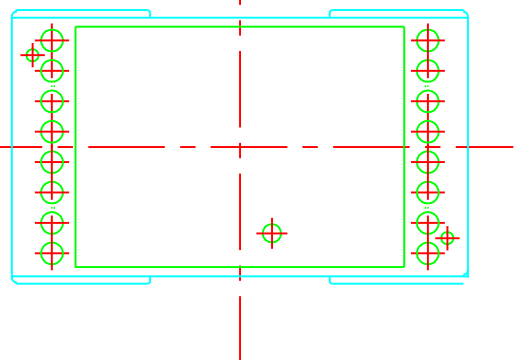
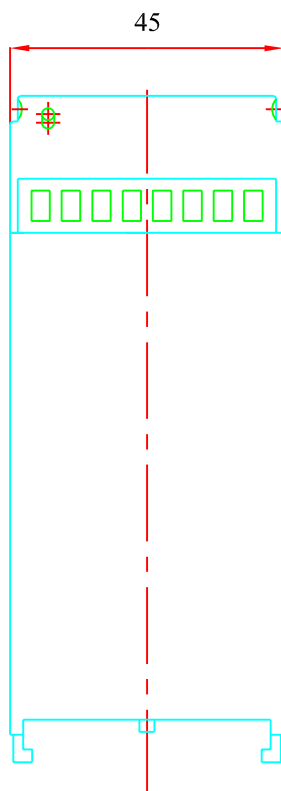
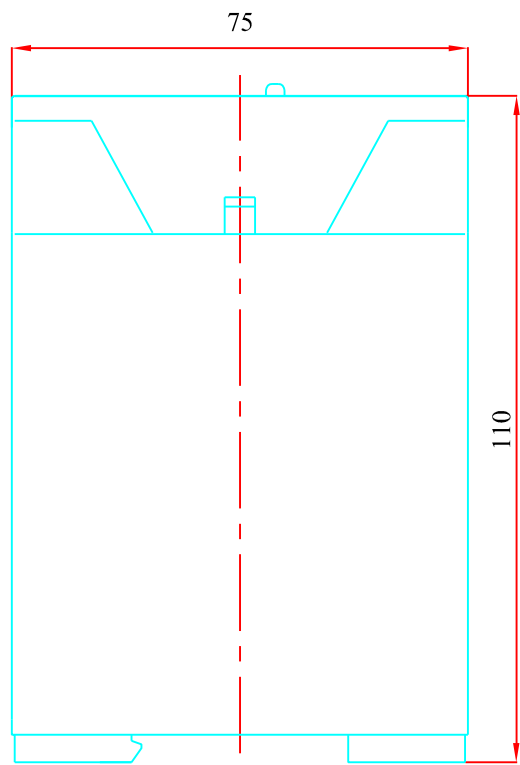


# AC Voltage/Current Transducers Models DL/Vac and DL/Iac

## Technical Characteristics

Electrical, Environmental and Housing Characteristics	
Supply	Universal 80 – 265 V
Isolation	2000 V (power supply against any other terminal) 2000 V (input against any other terminal)
Operating temperature	-10 to 70 °C
Storage temperature	-10 to 70 °C
Operating humidity	10 to 95% without condensation
Electromagnetic compatibility	Immune up to 0.5 mT
Electrostatic compatibility	Immune
Consumption	≤ 1.5 W
Housing and connection diagram	Dwg. DL IAC VAC rev. 0
Assembly	DIN 35 mm rail
Dimensions (W x H x L)	75 x 45 x 110 mm
Weight	260 g
Wire cross section	≤ 2.5 mm <sup>2</sup>
Proof tests	Impulse voltage, according to NBR 716 and IEC 255.5 Switching surge, according to ANSI C. 3790 a. Applied voltage/ground, 2000 V, 50/60Hz, 1 min. Megger 500 Vdc: isolation better than 100 MΩ

Technical Characteristics - Transducer	
Input scale	Specifiable (e.g.: 0-5A for the DL/Iac model; 0-200V for the DL/Vdc model)
Precision	0.50%
Proportional output	DC voltage or current loop (specifiable)
Temperature drift	0.1% / 10 °C
Response time	≤ 400 ms (0 to 90% of the output current)
Ripple	≤ 2%
Line resistance for current loop outputs	$R_l \leq \frac{15}{I_{out} [Amperes]} [Ohms]$



Aceito Cont. Qualid.	Aceito Produção:	DL/IAC and DL/VAC TRANSDUCERS	Escala Ref.	
Projeto Conf.	Des. Por. F. RIBEIRO			
Des. Conf.	Emit. Depto Data. 07/05/09	Dwg. DL IAC VAC Rev. 0	Alt. Num.	Folha
Licht Eletro Eletrônica				1/1