

Modular Power and Electronic Meter

Electronic Energy Meter LNEC14/LNEL14(Single Phase)



Display Method	Connection	Type Designation	Article No.
4MU			
Counter	CT type	LNEC4-1.5(6)A	EC1401
Counter	Direct type	LNEC4-5(30)A	EC1402
Counter	Direct type	LNEC4-10(40)A	EC1403
Counter	Direct type	LNEC4-10(100)A	EC1404
LCD	CT type	LNEL4-1.5(6)A	EL1401
LCD	Direct type	LNEL4-5(30)A	EL1402
LCD	Direct type	LNEL4-10(40)A	EL1403
LCD	Direct type	LNEL4-10(100)A	EL1404
LCD	CT type	LNEL4-1.5(6)A-RS485	EL1405
LCD	Direct type	LNEL4-5(30)A-RS485	EL1406
LCD	Direct type	LNEL4-10(40)A-RS485	EL1407
LCD	Direct type	LNEL4-10(100)A-RS485	EL1408

Technical Data

Electronic Energy Meter LNEC14/LNEL14

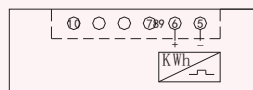
- Power meter according to IEC/EN 62053-21 for sub-measurement
- For active energy

Electronic Energy Meter LNEL14 with RS485 port

- Output mode:RS485 interface communication mode
- The meter with RS485 standard interface, it can send all record energy data and voltage lose record data.
- Super low power consumption ,all data can save even if power loss.

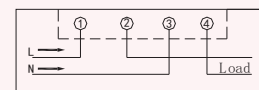
Connection Diagrams

LNEC14



A:Direction mode

LNEL14



B:Mutual inductor mode

Electrical

	LNEC14/L14-1.5(6)A	LNEC14/L14-5(30)A	LNEC14/L14-10(40)A	LNEC14/L14-10(100)A	LNEL14-RS485
Rated voltage Un	230V	230V	230V	230V	230V
Rated current In	1.5-6A	5-30A	10-40A	10-100A	as per specification
Rated frequency	50/60Hz	50/60Hz	50/60Hz	50/60Hz	50/60Hz
Connection Mode	CT type	direct type	direct type	direct type	CT/direct type
Power consumption	≤0.6W;≤0.3VA	≤0.6W;≤0.3VA	≤0.6W;≤0.3VA	≤0.6W;≤0.3VA	≤0.6W;≤0.3VA
Display	Counter/LCD	Counter/LCD	Counter/LCD	Counter/LCD	Counter/LCD
Input signal	sinusoidal	sinusoidal	sinusoidal	sinusoidal	sinusoidal
Accuracy class	1.0	1.0	1.0	1.0	1.0
Starting Current:	0.004ib	0.004ib	0.004ib	0.004ib	0.004ib
Flashing red:	1600imp/kwh	1600imp/kwh	1600imp/kwh	1600imp/kwh	1600imp/kwh
Creep:	Impulse indication	Impulse indication	Impulse indication	Impulse indication	Impulse indication

logical design of anti-creep for all

Mechanical

Frame size:	45mm	45mm	45mm	45mm	45mm
Device height:	115mm	115mm	115mm	115mm	115mm
Device width:	78mm	78mm	78mm	78mm	78mm
Display:	Counter 6+1=99999.9KWH for all LCD 5+2=99999.99KWH for all				
Mounting:	quick fastening on Din rail IEC/EN60715 for all				
Average humidity value	≤85%	≤85%	≤85%	≤85%	≤85%
Perm. Ambient temperature	-20°C~65°C	-20°C~65°C	-20°C~65°C	-20°C~65°C	-20°C~65°C

Dimensions(mm)

