GOSSEN METRAWATT

A201A
Link Module

- Independent telegram processing between link module and A2000

- Queries measurement data from the power meter (current, voltage, power, $\cos\varphi$ and energy) and converts data into SIGNED WORD or SIGNED DWORD format for transfer to the SPC via SUCOnet K.

- Resets the power meter, as well as MIN and MAX measurement value memory.

- Every meter can be addressed as a true SUCOnet slave by means of the additional device address which is transmitted by the SPC.

- LEDs indicate operating and functional status.

QUALITY MANAGEMENT SYSTEM

DQS certified per
DIN EN ISO 9001 Reg. no.1262

CE

Applications

The link module allows for data exchange with A2000 multifunctional power meters via the Möller SUCOnet K industrial bus.
In combination with the A2000 power meter, each module can be used to create a network with up to 32 interconnected instruments.

Applicable Regulations and Standards

EN 60010-1 / IEC 61010-1 / VDE 0411-1	Safety requirements for electrical equipment for measurement, control and laboratory use General requirements
EN 50081-2 (1993)	Generic standard interference emission, industry
EN 50082-2 (1995)	Generic standard interference immunity, industry
EN 60529 / DIN VDE 0470 Part 1	Protection provided by enclosures (IP code)

Characteristic Values

Interfaces

RS 485 for SUCOnet K
RS 485 for device bus, electrically isolated from one another

Power Supply

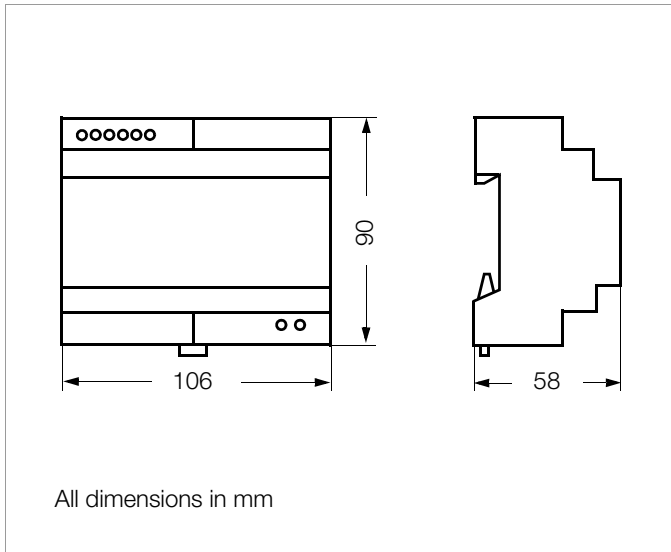|	
Supply Voltage	230 V ~ 50 Hz
Power Consumption	approx. 3 VA

Mechanical Design

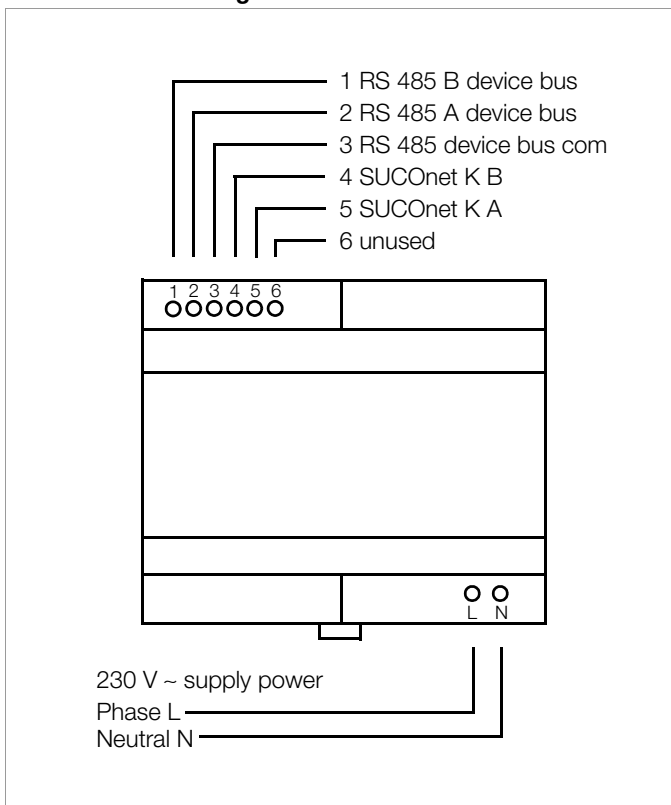|	
Dimension (W x H x D)	106 x 90 x 58 mm
Housing	insulated plastic
Mounting	top-hat rail per DIN EN 50022
Weight	approx. 0.5 kg
Protection	front panel: IP 50 terminals: IP 20
Safety Class	II
Terminals	screw terminals for conductors with a cross section of up to 4 square mm

A201A
Link Module

Dimensional Drawing

90

106

58

All dimensions in mm

Order Information

Designation	Application	Article Number
Link Module	for Möller SUCOnet K industrial bus	A201A

Connector Pin Assignments

1 RS 485 B device bus
2 RS 485 A device bus
3 RS 485 device bus com
4 SUCOnet K B
5 SUCOnet K A
6 unused

1 2 3 4 5 6

L N

230 V ~ supply power
Phase L
Neutral N