

PLC/RS232 Link

Installation and User Guide



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1. Features of PLC/RS232 Link

- Makes it possible to collect measured values, e.g. counts and load profiles, with a hand-held terminal by means of Power Line Communication (PLC)
- Also permits local upload of tariff shifting schedule
- Single-phase communication on the A-band

2. Conditions

The electricity meter in which the module is installed or a plug socket near the meter must be accessible.

2.1 Connection to electricity meter

Please follow the instructions below.

Please note that the operation of PLC/RS232 Link can involve a 230 V shock hazard. Therefore, PLC/RS232 Link ought to be attended to by authorized personnel only.

1. Connect PLC/RS232 Link to the hand-held terminal
2. Remove the top cover from the electricity meter
3. Connect the PLC/RS232 Link control cables as described in sections 2.1.1 to 2.1.3
4. Read or update the PLC/Router module
5. Dismount the interface control cables again and mount the top cover of the electricity meter

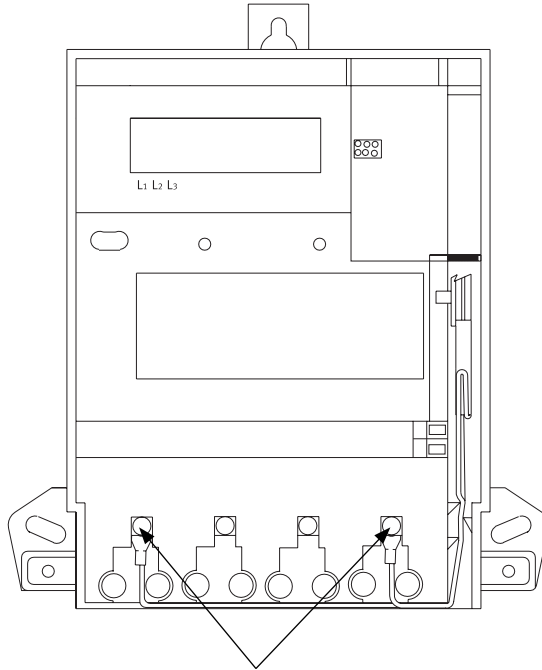
The following sections describe correct connection to electricity meters with integral PLC/Router modules.



PLC/RS232 Link

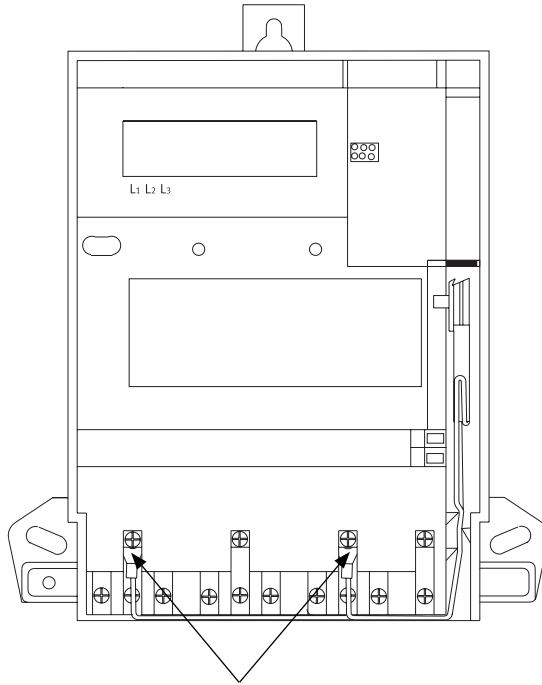
Alternatively PLC/RS232 Link can be connected to a plug socket, through which it can obtain contact with the PLC/Router module.

2.1.1. Connection – type 685-382-zz-zz/685-351-xx-xx-xxx



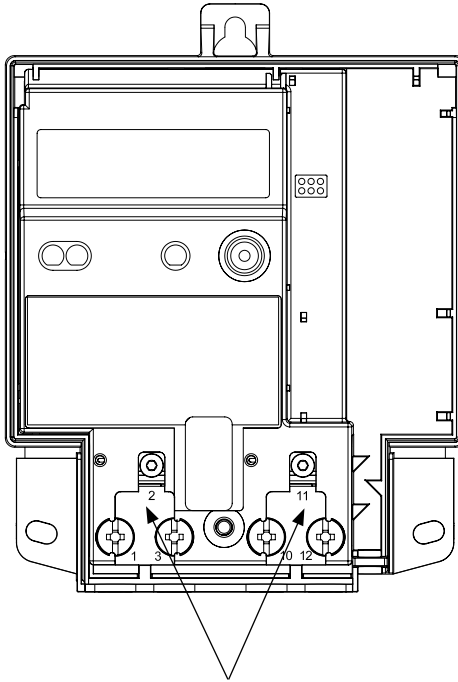
Append the alligator clips of PLC/RS232 Link to terminals 2 and 11 of the meter.

2.1.2. Connection – type 685-282-zz-zz/685-251-xx-xx-xxx



Append the alligator clips of PLC/RS232 Link to terminals 2 (F) and 8 (F) of the meter.

2.1.3. Connection – type 686-162-xx-xx



Append the alligator clips of PLC/RS232 Link to terminals 2 (F) and 11 (F) of the meter.

3. Technical data

	PLC/RS232 Link
Dimensions (wxhxd)	125 x 149 x 42
Temperature, in store	-40°C - +70°C
Temperature, in operation	-20°C - +60°C
Relative humidity	< 95%, no condensation
Power consumption	< 3 W
Frequency range	A-band
RS232 interface	9-pole, D-sub

4. Ordering details

Product	Article no.
PLC/RS232 Link	68LPPPPPP
Flash for network module	6699-82x

