CONNECTION DIAGRAM FOR COMMUNICATION

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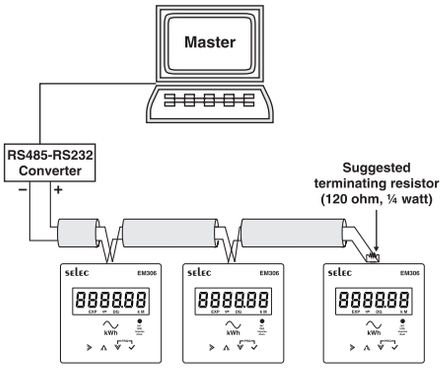
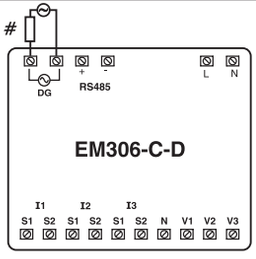


Contact sales for PC based monitoring software to communicate with the meters.

Note: Only for EM306-C-D

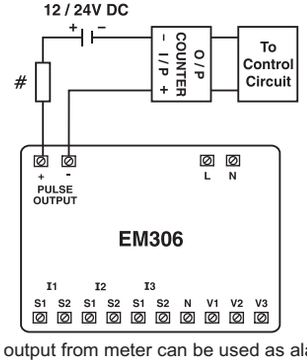
APPLICATION OF DIGITAL INPUT



Note: Only for EM306-C-D

APPLICATION OF PULSE OUTPUT

● **ENERGY CONTROLLER**



Pulse output from meter can be used as alarm generator or total energy controller by interfacing it with Pre settable counter and control circuits (Contactors, Relay, Trip Circuit).

The counter is loaded with the maximum energy consumption. When count reaches setpoint it provides output to control circuit to take appropriate action.

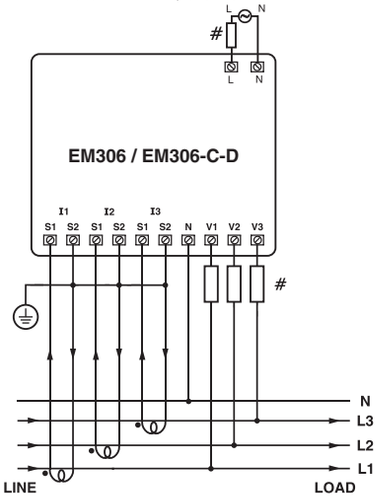
All fuse types : 0.5A class CC UL type
0.5A fast acting 600V

Note: Only for EM306

TYPICAL WIRING DIAGRAM

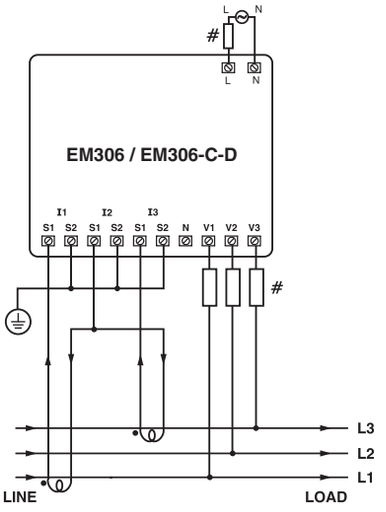
3 PHASE 4-WIRE (COMMONLY USED)

3 Ø - 4 WIRE, 3 CT'S



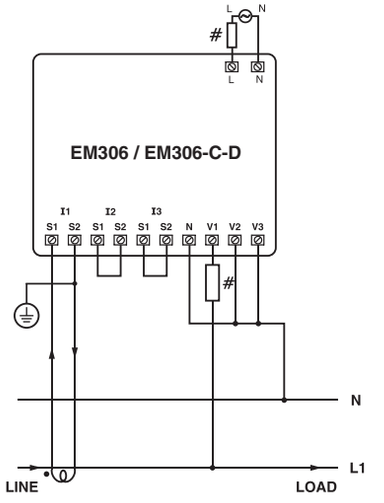
3 PHASE 3-WIRE

3 Ø - 3 WIRE, 2 CT'S

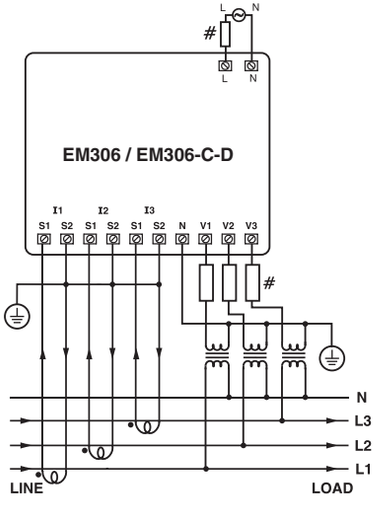


1 PHASE - 2 WIRE

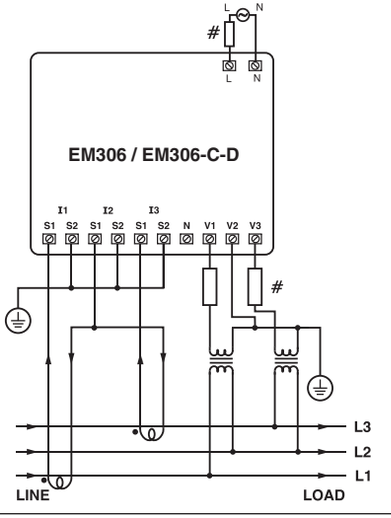
1 Ø - 2 WIRE, 1 CT



3 Ø - 4 WIRE, 3 CT'S and 3 PT'S

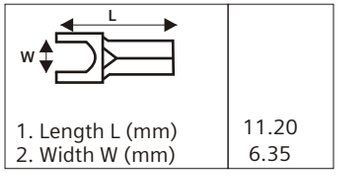


3 Ø - 3 WIRE, 2 CT'S and 2 PT'S



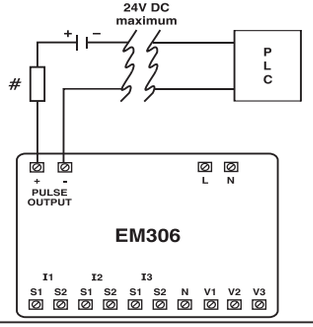
All fuse types : 0.5A class CC UL type
0.5A fast acting 600V

LUG DESCRIPTION



(NOTE : to be wired with LUG only**)**

APPLICATION OF PULSE OUTPUT



● **PROCESS INTEGRATION**

Pulse output from meter can be interfaced into a process through a PLC for on line control of energy content in the process.

If the PLC has a self excited digital input, External DC supply is not needed

The kWh pulse is also used to device average kWh information at the PLC.

Note: Only for EM306

Specifications are subject to change, since development is a continuous process.

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