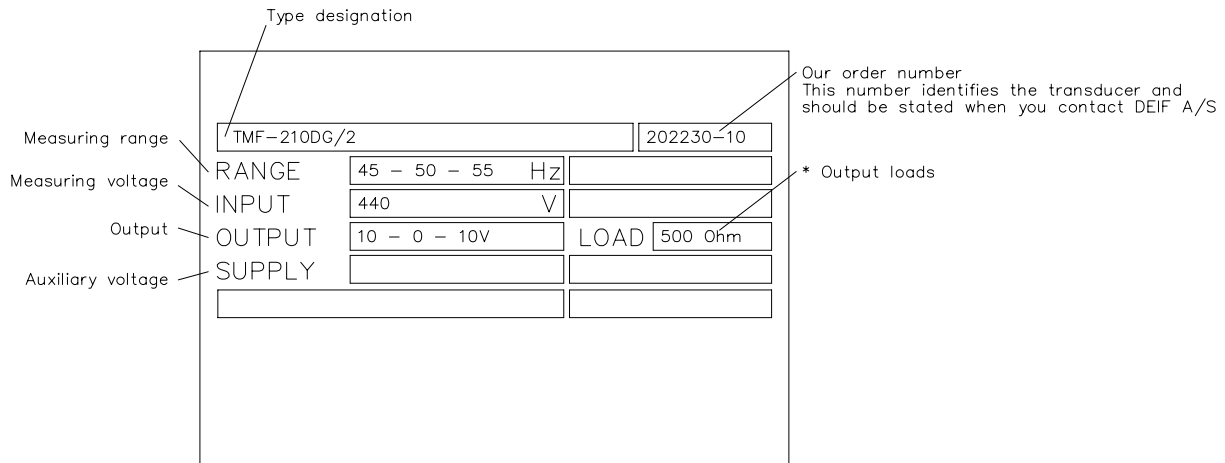




Description:

TMF-210DG/2 is a frequency transducer for measurement of mains frequency.



*Output loads:

By voltage output the load must not drop below the stated resistance. By current output the load must not exceed the stated resistance. (The output is internally protected against overload).

Installation instructions:

To ensure a long lifetime please note the following:

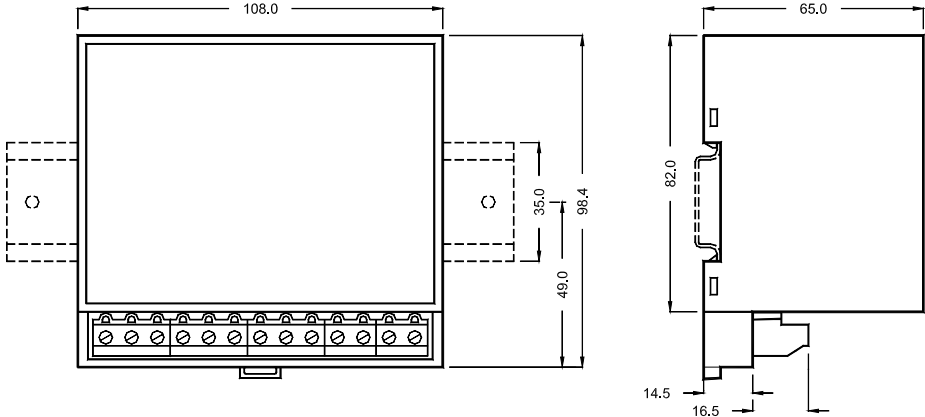
The distance between the mounted transducers (or other equipment) must not be less than 10mm (30mm is recommended).

The DIN rail must always be in horizontal position, never in vertical, when several transducers are mounted on the same rail.

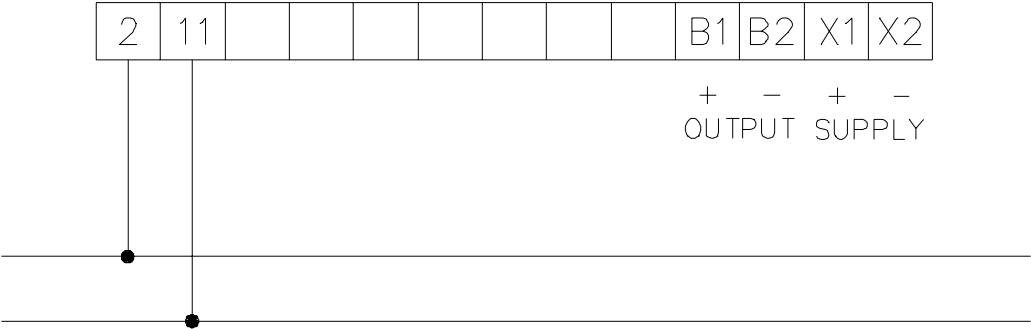
The transducer must be situated on a well-aerated place to ensure an optimum function and lifetime.



Mechanical drawing:



Connection diagram:



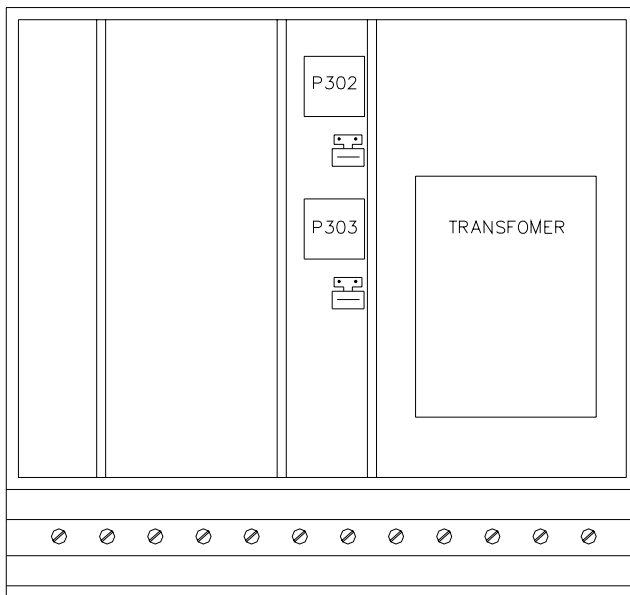
Recommended fuse: 2A

Normal reservations are to be made for protection against ESD.

Adjustment instructions:

If the transducer is supplied with adjustment of delay/output these are adjusted by means of potmeter P302/P303.

At delivery delay (P302) is set to be at minimum and output is set to be nominal (100%).



P302: Delay adjustment
range 0.5....10 sec. or
0.1....1 sec.*

P303: Output adjustment
range 50....150% of
nominal output.

* Factory settings.