# UPC Scaling By Taking Turns



L3

L2

L1

(2) Standoffs

UPC with 4 turns shown
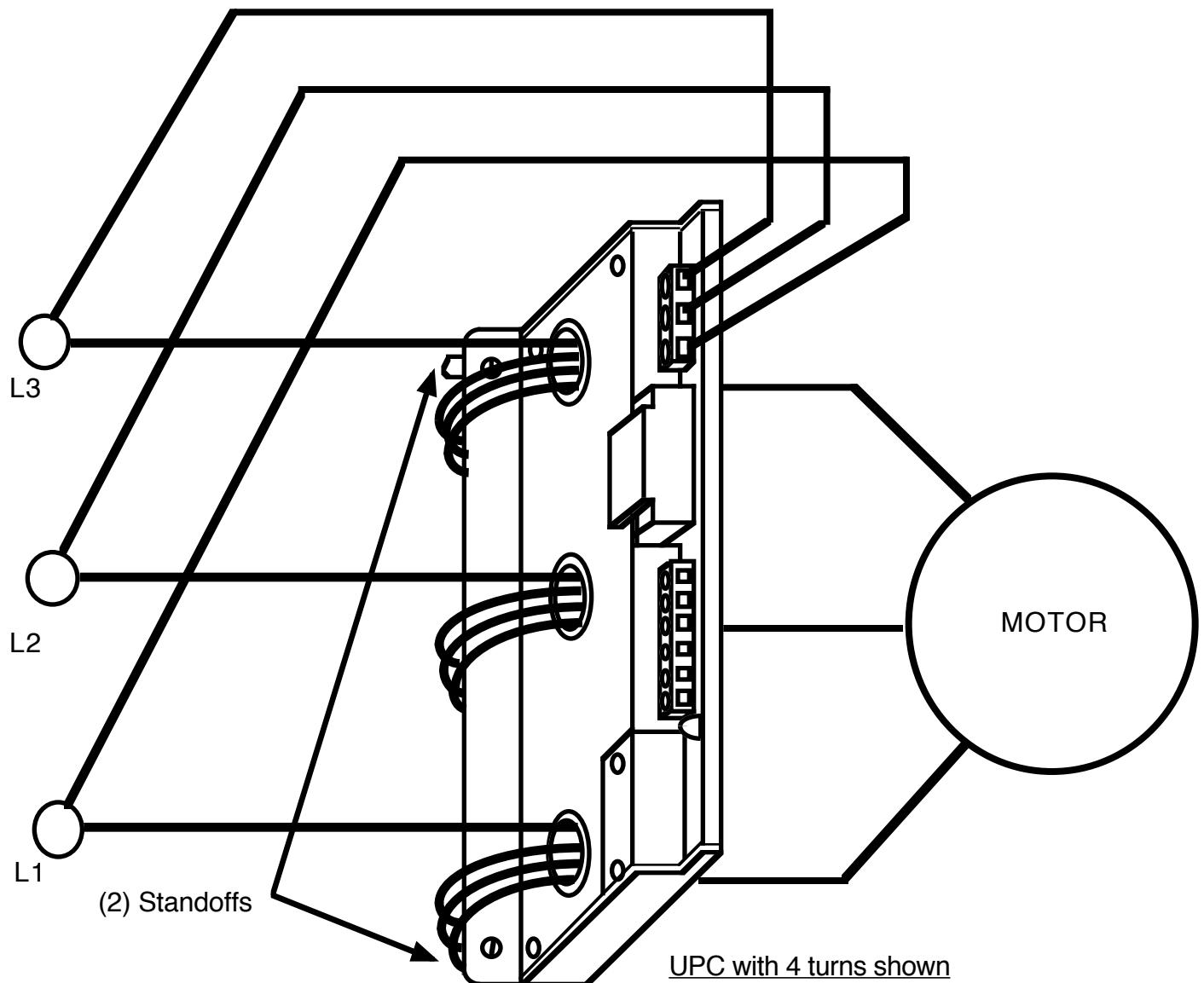
MOTOR

Scaling for the analog outputs is the adjusted H.P. ( 1K ohm per H.P.) divided by the number of turns.

Example 1 :

H.P. scale set for 5 H.P. (5 kohms)
Full scale is 5 / 4 turns =1.25 H.P.

Example 2:

H.P. scale set for 6 H.P. (6 kohms)
Full Scale is 6 / 4 turns = 1.5 H.P.