

ATTENTION!

- All 120V/24V transformers should be UNGROUNDED.
- Minimum recommended 120V/24V power transformer ratings are as follows:

Size	Transformer
1005	50VA
1010	50VA
1020	150VA
1040	200VA

- Actuators are not allowed to be wired in series in any instance.
- Actuators wired in parallel should use separate individual relays.
- Actuators wired in parallel should use sufficient transformer sizing to account for all actuators.
- Actuators MUST be wired with sufficient size wire. Use of undersized wire will result in high voltage drop and damage to actuators.

Minimum Wire Gauge Size *					
Size	Max Current	10'	20'	50'	100'
1005	1.60	20	20	16	12
1010	2.20	20	18	14	12
1020	4.40	18	16	12	8
1040	7.25	16	12	10	6

*for single strand copper, one way run – each actuator

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