

Combining the Outputs Of Breezway Transformers

Breezway Technical Bulletin

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Breezway Powerlouvre Motor requirements:

- 24v DC
- 0.25amps of continuous operating current per motor

Breezway Transformer Specifications:

	1.0 amp Breezway Transformer - 300001230	1.5 amp Breezway Transformer - 300001231
Input	240v AC	240v AC
Output	24v DC	24v DC
Continuous Operating Current	1.0 amps	1.5 amps
Powerlouvre Motors capable of operating simultaneously	4 Powerlouvre Motors	6 Powerlouvre Motors

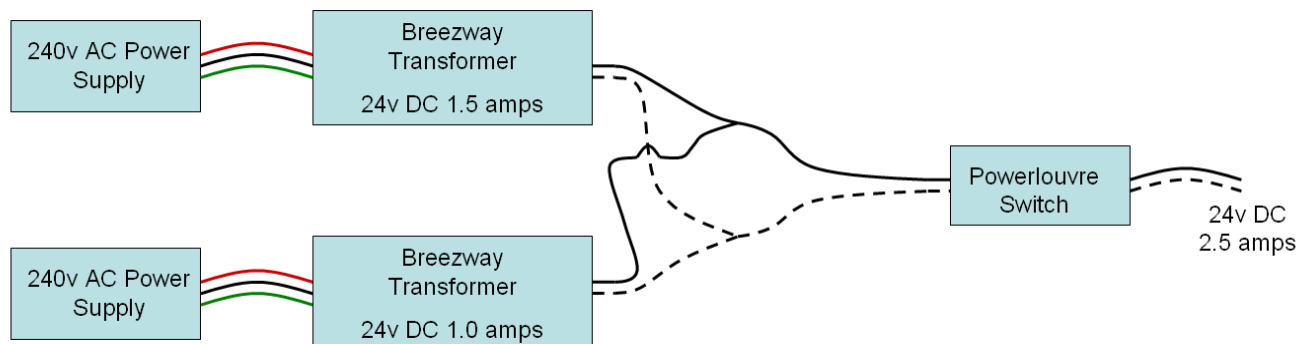
Combining the Outputs of Breezway Transformers

If more than 6 Powerlouvre Motors are to be driven simultaneously from a single switch then multiple Breezway Transformers can be wired together in parallel to meet the current requirements. (NB Wiring the outputs of Breezway Transformers in series will damage the transformers)

Multiple Breezway Transformers Wired Together in Parallel

- Input = 240v AC source of power per transformer
- Output = 24v DC regardless of the quantity of Breezway Transformers
- Continuous Operating Current = Sum of Continuous Operating Currents of each transformer wired in parallel

Example: Two Breezway Transformers – Outputs Wired Together In Parallel



- Input = 240v AC per transformer
- Output = 24v DC
- Continuous Operating Current = 1.5 amps + 1.0 amps = 2.5 amps
- Powerlouvre Motors capable of operating simultaneously = 6 motors + 4 motors = 10 motors