



**A TUCKER AUTO-MATION HOLDINGS COMPANY**

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# **TUCKER ZAP ACCESSORIES**

## **871 Interface Expansion Module**

**Tucker ZAP PATENT NUMBER / TITLE / REGISTRATION DATE:**

USA 8,182,381 | Drive arrangement | May 22, 2012  
USA 8,115,438 | Aperture closure member control arrangements | Feb. 14, 2012  
USA 8,033,374 | Drive arrangement | Oct. 11, 2011  
USA 7,633,253 | Control and monitoring arrangements for an aperture closure member | Dec. 15, 2009  
USA 7,437,971 | Drive arrangement | Oct. 21, 2008  
USA 7,333,308 | Control arrangement | Feb. 19, 2008  
USA 7,005,884 | Monitoring apparatus for monitoring electrical drive current for an electric motor | Feb. 28, 2006  
USA 6,188,198 | Aperture closures | Feb. 13, 2001

Mexico 243645 | Aparato de monitoreo | Feb. 6, 2007  
Canada 2445152 | Monitoring apparatus | June 25, 2013  
Canada 2440772 | Control arrangement | June 21, 2011  
Canada 2560530 | Drive arrangement | May 21, 2013  
Canada 2641641 | Aperture closures | April 26, 2011  
Canada 2445123 | Drive arrangement | Feb. 16, 2010  
Canada 2338191 | Aperture closures | Dec. 30, 2008

### ZAP Part# 871

#### Description:

The 871 Interface Expansion Module is a plug-in module that allows additional expansion room for the input of external control devices such as three channel external radio control receiver for open stop and close function via radio transmitter, microwave sensors, and loop detectors.

#### Operations provided:

N/O Single contact operation (Cyclic)  
N/O Single contact operation (Open)  
N/O Single contact operation (Close)  
N/O Single contact operation (Stop)

#### Input terminals provided:

Open/Stop/Close/Common/Cycle

#### Output terminal provided:

24VDC power

#### Overload protection circuit:

LED illuminates if the power supply is over-loaded, due to a fault or by a device drawing too much current.

#### Wiring requirements:

14-20 AWG

#### Power requirement:

None

#### Mounting type:

Plug in

#### Terminal plug:

6 Position Dual Direction slide in plug

#### Dimensions:

Height: 1 7/8"  
Width: 2 1/8"  
Depth: 3/4"

#### Operating temp:

-13 deg F to + 149 deg F

#### Works with:

All Commercial ZAP Controllers  
82-TLM  
82DTLM  
8070 Auto-Lock (requires 872 Adapter)

