



A TUCKER AUTO-MATION HOLDINGS COMPANY

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TUCKER ZAP ACCESSORIES
871-FS Fire Station 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-FS

Description:

The 871 Fire Station Module is a special variant of the 871 Interface Expansion Module. It allows the use of a second photo-cell system to inhibit the Auto-Close function of standard ZAP Operator until an emergency vehicle departing a facility has passed through the photo cell beam and exited the facility fully. This prevents the circumstance that causes damage to many fire station and ambulance station sectional doors by fault of the timer to close timer closing the door before the vehicle has left the facility. Once the departing emergency vehicle has passed through the photo cells' beam, the Auto-Close timer is then released and allowed to time out and the door closes.

Operations provided:

Hold Open signal when using Auto Close Timer is employed until vehicle departs facility.

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

Wiring required:

N/C Photo eye safety connection (Cyclic)
N/C Photo eye common connection (Com)

Power requirement:

None

Mounting type:

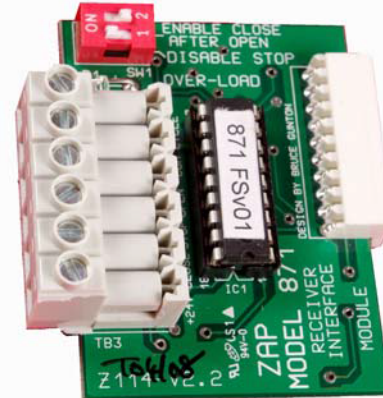
Plug in

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 ZAP Controllers except 8850 Turbo
82-TLM
82DTLM
8070 Auto-Lock (requires 872 Adapter)

As close function on controller case lid is not functional when 871 FS is employed it is necessary to disconnect Close wire (grey) from TB3 on ZAP control board and wire to close terminal on 871 FS .