ZAP Controls
871-FS Fire Station Module

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 .

ZAP Series 3
Simply Logical

871 FS USA