

# PBX

## Surface Mount Hands-Free Elevator Emergency Phone



### Reliable communication during an emergency.

- Ability to dial up to four emergency numbers.
- Built-in voice chip for location messaging reduces operator error.
- On-board keypad for easy on-site programming.
- Line-powered device eliminates the need for extra power in the elevator car.
- Surface mount box includes call button and call indicator LED.
- Flat surface mounting makes it ideal for field replacements or modernizations.
- Phone line monitoring add-on options available.



### Specifications

	Surface Mount - Blue	Surface Mount - Black	Surface Mount - Stainless
Part Numbers	PBX	PBX-M	PSM
Weight	0.5 lbs	3.0 lbs	3.5 lbs
Dimensions	8.93" H x 4.90" W x 2.09" D	8.81" H x 4.62" W x 2.06 D	9-1/2" H x 5-1/16" W x 1-3/8" D
Mounting	Surface Mount	Surface Mount	Surface Mount
Enclosure	Heavy-Duty ABS	Powder-Coated Steel	Stainless Steel
Communication	Analog		
Power Source/Voltage	Telephone line powered (48 VDC to 53 VDC typical)		
Wiring Requirements	Phone line (tip and ring)		
Site Requirements	Analog (POTS, PBX, or central office) phone line*		
Environmental	32°F to 120°F		
Warranty	2 years		
Code Compliance	ASME A17.1 / CSA B44, IBC, FCC, ISED, and ADA compliant. CSA listed.		
Included	Surface Mount phone, Allen wrench		
Optional Equipment	Voice and data cellular gateways, Backup power options, and In-building communication systems		

\*It is not recommended to use a VoIP, cellular, or digital line with the PBX phone series.



Rev Sep 25

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## Supplemental Information

### Phone Line Requirements

Phone Line Voltage On Hook	24 VDC to 70 VDC (nominally 48 VDC)
Phone Line Voltage Off Hook	8 VDC to 20 VDC (nominally 14 VDC)
Operating Loop Current Range	18 mA to 55 mA (20 mA typical)
Dialing	DTMF (Dual Tone Multi-Frequency)
Frequency Response	550 Hz - 3400 Hz, +/- 3 db
Ring Sensitivity	30-120 VAC RMS
Operational Loop Impedance	600 ohms
Open-Loop Disconnect Signal	@ 500m/s
REN	0.5 B
Industry Canada No.	C22.2 No.60950-1-07, 2nd Ed
FCC Reg. No.	US: NLFTE05B25668

### Compatible with the Following In-Building Communication Systems:

JANUS EMS5 (SHW & SHW-MR), JANUS SHW-MRI and JANUS MRI-HDSTL



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