

Wireless Synchronized Digital Clock (Single Side) (2.3") TM682S-F-1-X



TM692S-F-1-X



The POLMON Wireless Synchronized Digital Clock System is a perfect solution for a wide range of applications where accurate, synchronized time is required. All clocks display the same real time, whether in the office, factory, warehouse or canteen.

TM682S-F and TM692S-F series clocks are designed for Ex-Zones. Clocks synchronized with master clock on RF network. Even if RF network failure they operate with inbuilt real time clock.

The clocks are designed for pharmacy room applications with Flameproof Enclosure.

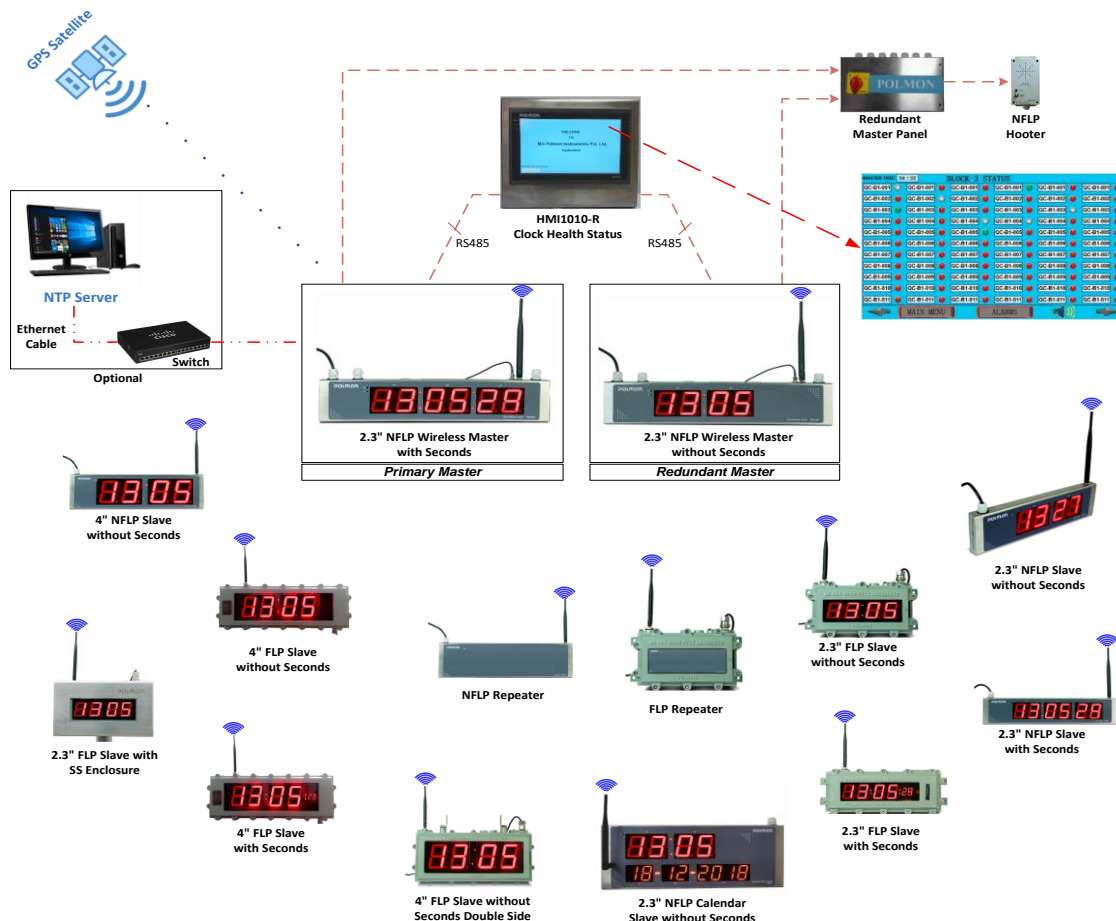
Features

- Synchronization with master clock
- Works in stand-alone mode in case of network failure
- Flicker-free Bright Seven Segment LED Display
- Displays time in HH:MM:SS / HH:MM Format
- Tracking of clock health condition in HMI
- Best suited for clean room applications of Ex-Zone IIA, IIB
- Indication of network failure with blinking display time
- 2.3" display visible up to 100 feet

Applications

- Pharmaceutical industry
- Ware House
- Factory
- Office
- Canteen
- Colleges etc

Network Architecture



Specifications

Technical

Model No	TM682S-F-1-X	TM692S-F-1-X
Display of time	2.3" Seven Segment LED Display (Red)	2.3" Seven Segment LED Display (Red) for hrs and mins 1" Seven Segment LED Display (Red) for secs
Time Format	HH:MM (24Hrs)	HH:MM:SS (24Hrs)
Accuracy	In synchronization: Shows master clock time. Stand-alone : + 2.0 min/year	
Communication	RF Wireless	
Time Synchronization	Every one Minute	

Power Supply

Input Supply	230V AC 50Hz, 10VA
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RF Communication

Frequency	865MHz to 867MHz
Distance	1500 Meters Line of Sight
Antenna type	Dipole
Antenna Fixing	Instrument Plug type SMA end
RF Power output	+27dBm (500mWattt)

Physical

Dimension	335X199X87mm (Approx)	485x174x130mm (Approx)
Enclosure material	SS316	
Weight	3.5Kgs(Approx)	8Kgs(Approx)
Mounting	Wall Mounting	

Environmental

Operating temperature	10-50°C
Humidity	10 – 95% RH, Non-condensing

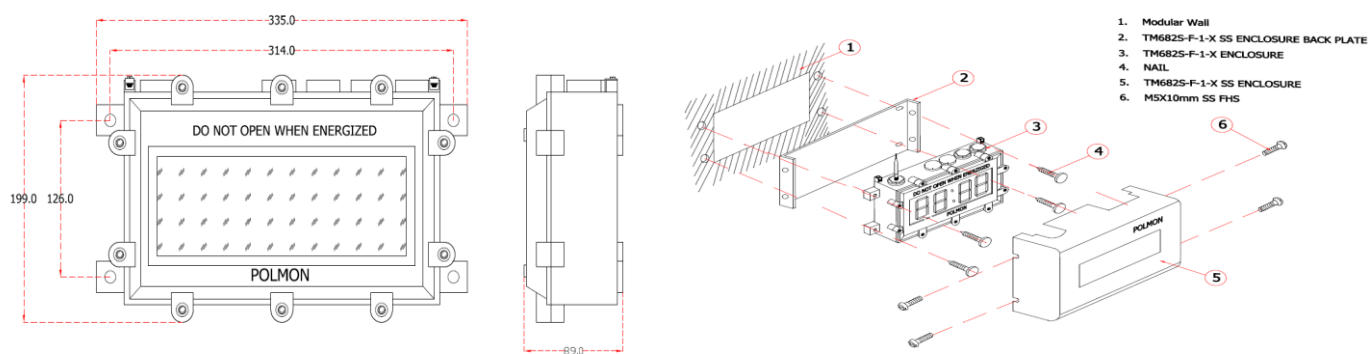
Ordering Information for TM682S

TM682S	X	X	X
Model No	External Enclosure	Display type	Relay Output
TM682S	R – NFLP SS Wall Mount	1 – Single Side	X – No
	F – FLP	2 – Double Side	1 – Yes
	M – NFLP Flush Mount		
	C – FLP IIC		

Ordering Information for TM692S

TM692S	X	X	X
Model No	External Enclosure	Display type	Relay Output
TM692S	R – NFLP SS Wall Mount	1 – Single Side	X – No
	F – FLP	2 – Double Side	1 – Yes
	M – NFLP Flush Mount		

MECHANICAL DRAWING OF TM682S-F-1-X



MECHANICAL DRAWING OF TM692S-F-1-X

