

Wireless Synchronized Digital Clock (2.3")

TM682S-R-1-X



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

Features

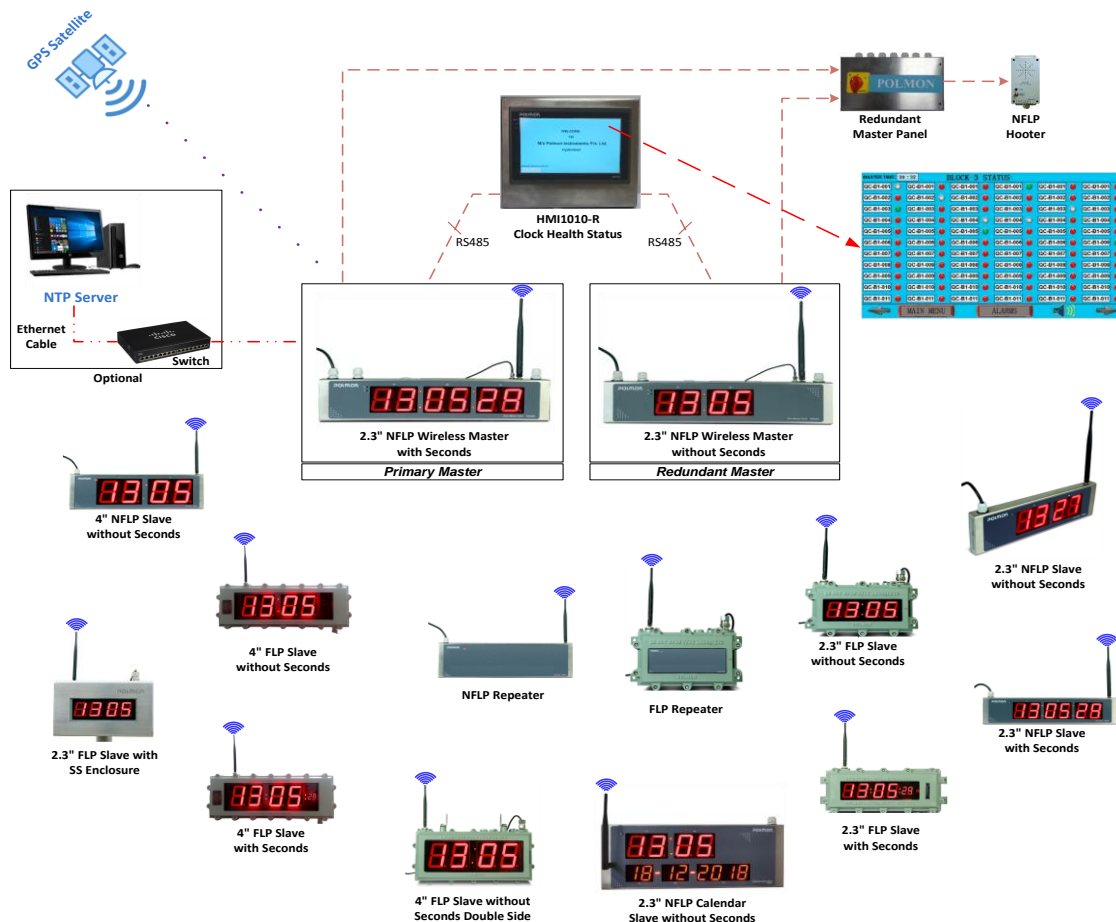
- Synchronization with master clock
- Works in stand-alone mode in case of network failure
- Flicker-free Bright Seven Segment LED Display
- Displays time in HH:MM:SS / HH:MM Format
- Tracking of clock health condition in HMI

- 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-R-1-X	TM692S-R-1-X
Display of time	2.3" Seven Segment LED Display (Red)	
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	360X100X25mm (Approx)	470x100x25mm (Approx)
Enclosure material	SS316	
Weight	1.5Kgs(Approx)	
Mounting	Wall Mounting	

Environmental

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

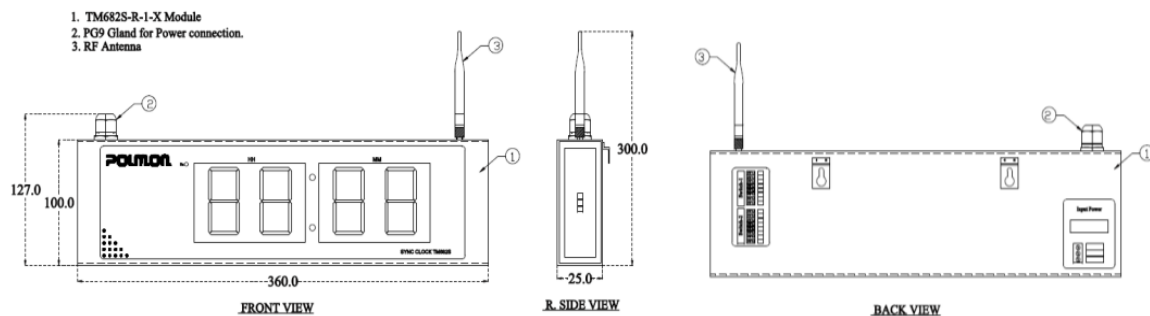
Ordering Information for TM682S

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-R-1-X



MECHANICAL DRAWING OF TM692S-R-1-X

