

Catalog Card Tower Clock ZEG-W1800



Sat-System Sp. z o.o.
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ISO 9001:2015



IST/TS 22163:2017



AQAP 2110:2016



Świadectwo
Bezpieczeństwa
Przemysłowego



Koncesja
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PURPOSE, DEVICE CHARACTERISTICS

The 1800 mm tower clock consists of a self-adjusting mechanism, a network interface and a clock face led outside.

Clock mechanism:

- Fast setup time (less than 3 minutes)
- Quick installation, no long waits for the clock to show the correct time. This reduces costs
- Quick Daylight Saving Time Change (less than 10 seconds) Daylight saving time change is virtually imperceptible.
- Minute hand operating mode selectable via DIP switch (on movement circuit board)
- Possible "standalone" operation with a DCF or GPS receiver
- Self-aligning movement

Network Interface:

- Simple expansion of your existing time system: NMI allows you to connect up to 12 additional slave clocks
- Virtually unlimited expansion possibilities
- No new master clock is required as an existing NTP server can be used
- Very simple configuration, operation and monitoring using MOBA-NMS software
- Multicast or unicast synchronization from NTP server (IPv4 / IPv6)

TECHNICAL DATE

Technical parameters	
Dial size	1800 mm
Tips	hourly ; minute
Power	230 V
Power consumption (max)	50 W
Operating temperature range	-40°C do +55°C
Libra	10 kg / 4 kg
Case	Made of corrosion-resistant material, painted in RAL color
Housing tightness	IP-65 (according to PN-EN 60529:2003)
Interface	Fast Ethernet 10/100Mbps
Protocols	TCP/IP; SNMP V1, V2 i V3; UDP; NTP





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INSTALLATION

The clock face has 4 mounting brackets with a fi 8 hole.
The following cables must be connected to the tower clock:

- UTP cable
- Power cables 3x1.5

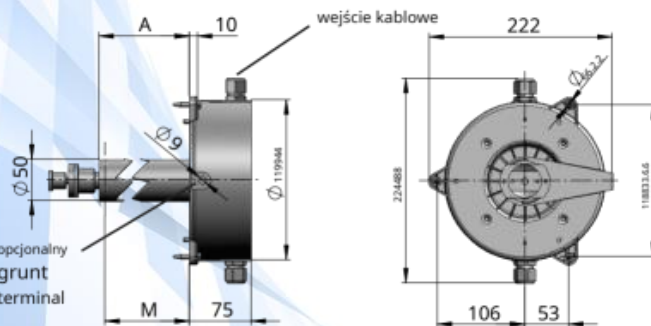


TECHNICAL DATA OF THE SELF-ADJUSTING MECHANISM

Power	24 V DC \pm 20% or MOBALine
Regulation time	Synchronization: DCF/GPS approx. 10 min., MOBALine approx. 10 sec. Setting time: <3 min. Daylight Saving Time: <10 sec
Temperature range	- 30 ... +70 °C
Libra	ok 1,6kg
Synchronization	- MOBALine (local time) (ETC, DTS, NMI...)- DCF (current loop, local time, UTC + time zone) (GPS/DCF 4500)
Accessories	- front mounting plate \varnothing 600 mm (art. no. 206 460)- flush-mounted box for front mounting (Art.-Nr. 702 622) (dimensions: 390x280x120mm)



Opcja:
Montaż z przodu
płyta



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COMPLIANCE WITH STANDARDS

Study name	Number and title of the standard used	Requirements
Cold resistance	PN-EN 60068-2-1:2009 Environmental research. Part 2-1: Trials: cold	Sharpness -40oC
Dry heat resistance	PN-EN 60068-2-2:2008 Environmental research. Part 2-2. Trials: dry heat	Sharpness +55oC
Damp heat cyclic resistance	PN-EN 60068-2-6:2008 Environmental research. Part 2- 30. Trials: damp heat cyclic	Sharpness +55oC, Humidity 95%
Sinusoidal vibration resistance	PN-EN 60068-2-6:2008 Environmental research. Part 2-6. Trials Fc: sinusoidal vibration	Frequency: 3-40 Hz Amplitude: 0,2mm Frequency: 40-100Hz Amplitude: 0,03mm
Resistance to mechanical impacts	PN-EN 60068-2-27:2009 Environmental research. Part 2- 27. Trials Ea: impacts	Acceleration of strokes: 2g Duration: 11ms
Checking the degree of protection IP	PN-EN 60529:2003/A2:2014-07 Degrees of protection provided by enclosures (code IP)	Device testing without negative pressure. IP65
Checking the degree of protection IK	PN-EN 50102:2001 Degrees of protection against external mechanical impacts provided by enclosures of electrical equipment (code IK)	IK07
Measurement of Energy magnetic conducted disturbances	PN-EN 55016-2-1:2014- 09/A1:2017-12 Requirements for measuring apparatus and methods for measuring radio disturbances and immunity to disturbances. – Part 2-1. Disturbance measurement methods and immunity testing - Measurements of conducted disturbances	Compliance with standards PN-EN 50121-1:2017-06 PN-EN 50121-4:2017-4
Measurement of energy magnetic radial disturbances	PN-EN 55016-2-3:2017- 06/A1:2020-01 Requirements for measuring apparatus and methods for measuring radio disturbances and immunity to disturbances. Part 2-1. Disturbance measurement methods and immunity testing - Measurements of conducted disturbances	Compliance with standards PN-EN 50121-1:2017-06 PN-EN 50121-4:2017-04

