

Catalog Card

One-sided internal clock

ZEG-400WJ



Sat-System Sp. z o.o.
Ul. Stanisława Staszica 47
05-092 Łomianki
E-mail:
sales@railway-systems.eu
office@railway-systems.eu



ISO 9001:2015



IST/TS 22163:2017



AQAP 2110:2016



Swiadcetwo
Bezpieczenstwa
Przemyslowego



Koncesja
MSWIA

PURPOSE, DEVICE CHARACTERISTICS

The high-quality 400mm single-sided indoor clock is suitable for any space. Thanks to the clear layout and size of the characters on the dial, as well as the shape and size of the hands, it ensures good readability. Available in a version with dial illumination controlled by a light intensity sensor with a backlight temperature of 6500K +/- 500K. It has the required hands: hour, minute, second. Clock powered and controlled via Ethernet (PoE). The information provided by the clock is taken from a time server or a clock exchange connected to the Ethernet network using the SNTP protocol.



TECHNICAL DATE

Technical parameters	
Dial size	400 mm
Tips	hourly ; minute; seconds
Dial illumination	Full face illumination, backlight color 6500K +/- 500K, adjustable using a light sensor
Power	PoE; backlight 230V
Operating temperature range	-30 to +70°C (0 to 95% relative humidity, non-condensing) SAW 00/SEW 00/SAW 00 MPS/SEW 00 MPS: 0 to +50°C (0 to 90% relative humidity, non-condensing)
Libra	1,7 kg
Case	Made of corrosion-resistant material, painted in RAL color
Housing tightness	IP 30 (IP 55 vapor proof housing)
Level of security	IK-07 (according to PN-EN 5012:2001)
Interface	Fast Ethernet 10/100Mbps
Protocols	TCP/IP; SNMP V1, V2 i V3; UDP; NTP



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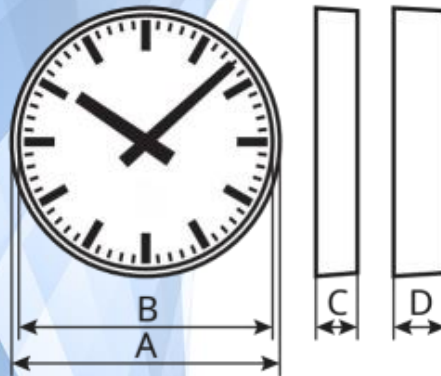
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INSTALLATION

The clock must be wired:

- UTP cable connecting the clock with the SDIP switch on site
- 3x1.5 power cables to power the dial backlight

∅	Dimensions in mm / Weight
40	A-417 ; B-403 ; C-49 ; Waga 1,7kg



**Clock face selectable



The clock specification is fully compliant with the current guidelines of PKP PLK SA Ipi-6 and good practices of PKP SA

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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