

## EMC TEST REPORT

No. REMC/44/2017

Requirement	PN-EN 60255-26:2014-01 (EN 60255-26:2013)
Laboratory test methods	PN-EN 55011:2016-05 (EN 55011:2016) PN-EN 55032:2015-09 (EN 55032:2015) PN-EN 61000-4-2:2011 (EN 61000-4-2:2009) PN-EN 61000-4-4:2013-05 (EN 61000-4-4:2012) PN-EN 61000-4-5:2014-10 (EN 61000-4-5:2014) PN-EN 61000-4-6:2014-04 (EN 61000-4-6:2014) PN-EN 61000-4-11:2007 (EN 61000-4-11:2004)

Device under test	Tap changer position indicator
Model	AWZ-1
Manufacturer	ZEG ENERGETYKA Sp. z o.o.
Address	ul. Zielona 27 43-200 PSZCZYNA
Applicant	ZEG ENERGETYKA Sp. z o.o.
Address	ul. Zielona 27 43-200 PSZCZYNA

The results refers exclusively to the test presented test sample.  
The test report shall not be reproduced except in full.

**1. Referenced standards and test summary**

Description of test	Test method	Result
Emission tests according to PN-EN 60255-26:2014-01		
Conducted emissions on the power line test	PN-EN 55011:2016-05	PASS
Radiated emissions	PN-EN 55032:2015-09	PASS
Immunity tests according to PN-EN 60255-26:2014-01		
Electrostatic immunity test	PN-EN 61000-4-2:2011	PASS
Electrical fast transient/burst immunity test	PN-EN 61000-4-4:2013-05	PASS
Surge immunity test	PN-EN 61000-4-5:2014-10	PASS
Immunity to conducted disturbances, induced by radio frequency test	PN-EN 61000-4-6:2014-04	PASS
Voltage dips, short interruptions and voltage variations immunity test	PN-EN 61000-4-11:2007	PASS

Date of tests start	Date of tests finish	Date of issue
23-10-2017	02-11-2017	20-11-2017

Test engineer: Tomasz Wójcik

*Tomasz Wójcik*

Krzysztof Gostkowski

*K. Gostkowski*

Checked, approved: Krzysztof Gostkowski

KIEROWNIK LABORATORIUM  
Badawczego i Wzorcującego  
*K. Gostkowski*  
... Krzysztof Gostkowski

**2. Test setup of equipment under test**

- The sample without serial number was chosen and delivered by the applicant
- Test manner:
  - power supply: 230V 50Hz
  - normal mode of operation
  - zone B electrical environmental level according to PN-EN 60255-26:2014 – typical industry environment