



ENVIRONMENT TEST REPORT Environmental and mechanical requirements	
Report Reference No.	G0M-2009-9325-CE01RAIL-V02
Testing Laboratory	Eurofins Product Service GmbH
Address.....	Storkower Str. 38c 15526 Reichenwalde Germany
Accreditation.....	DAkKS-Registration number D-PL-12092-01-02
  <small>Deutsche Akkreditierungsstelle D-PL-12092-01-02</small>	
Applicant's name	ANTONICS-ICP GmbH
Address.....	Ameisenweg 5 16727 Velten GERMANY
Test specification:	In accordance with customer requests
Standard	EN 50155: 2017 cl.13.4.4 / 13.4.5.3 / 13.4.7 / 13.4.10 / 13.4.14 / 13.4.11 CAT 1 B
Non-standard test method.....	None
Equipment under test (EUT):	
Product description.....	OmPlecs®-TOP 200
Model No.	AMR
Additional Models	TOP200 AMR Indoor, TOP200 AMR Outdoor, TOP200 AMR 2m, TOP200 AMR UB, OmPlecs TOP 90 RAIL, TOP 200 AMR L1/L2 Not tested, but identical constructed to OmPlecs®-TOP 200 AMR: DiPlecs®-TOP 200 AMR and X-Plecs®-TOP 200 AMR
Hardware Version.....	None
Software / Firmware Version	None
Test result	Passed

Possible test case verdicts:

- neither assessed nor tested.....: N/N
- required by standard but not appl. to test object.....: N/A
- required by standard but not tested.....: N/T
- not required by standard for the test object.....: N/R
- test object does meet the requirement.....: P (Pass)
- test object does not meet the requirement.....: F (Fail)

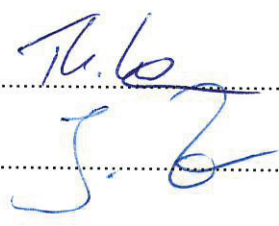
Testing:

Test Lab Temperature.....: 22 °C
 Test Lab Humidity.....: 45 %
 Test Lab Atmospheric pressure:.....: 1003 mbar
 Date of receipt of test item: 2020-10-05
 Date (s) of performance of tests: 2020-10-06 to 2020-10-30

Compiled by: Th.Winkelmann(Expert)

Responsible for the tests (+ signature): Th.Winkelmann(Expert)

Approved by (+ signature): J.Zimmermann(Expert)



Date of issue: 2020-11-17

Total number of pages: 28

General remarks:

The test results presented in this report relate only to the object tested.

The results contained in this report reflect the results for this particular model and serial number. It is the responsibility of the manufacturer to ensure that all production models meet the intent of the requirements detailed within this report.

This report shall not be reproduced, except in full, without the written approval of the issuing testing laboratory.

Additional comments:

2 Result Summary

Product Specific Standard Section	Requirement – Test	Result
EN 50155: 2017 cl. 13.4.4	Low temperature start-up test EN 60068-2-1: 2007 OT 6 / -40°C Test duration > 4h	P
EN 50155: 2017 cl. 13.4.5	Dry heat test EN 60068-2-2:2007 OT 6 / 85°C / cycle B Test duration > 8h	P
EN 50155: 2017 cl. 13.4.7	Cyclic damp heat test Test Db variant2 55°C and 25°C, Test duration 2 x24h EN 60068-30: 2005	P
EN 50155: 2017 cl. 13.4.10	Salt mist test EN 60068-2-52 Test duration 48 h	P *1
EN 50155: 2017 cl. 13.4.14	Rapid temperature variation test EN 60068-2-14: 2009 OT 6 , changing range 3K/min Dwell time 1h of each temperature / duration = 4 cycles	P
EN 50155: 2017 cl. 13.4.4	Low temperature start-up test EN 60068-2-1: 2007 OT 6 / -60°C Test duration > 4h	P *1
EN 50155: 2017 cl. 13.4.11.3	Mechanical Shock EN 61373: 2010 3 Shock per direction and axis Acceleration 50m/s ² (5g), Duration 30 ms Sinus half wave Worst case: mounting direction is not fixed	P
EN 50155: 2017 cl. 13.4.11.4	Random – Functional test EN 61373: 2010 5 Hz – 150 Hz, 1,01 m/s ² RMS Duration 10min per Direction Worst case: mounting direction is not fixed	P
EN 50155: 2017 cl. 13.4.11.2	Random – Long-life test EN 61373: 2010 5 Hz – 150 Hz, 5,72 m/s ² RMS Duration 5h per Direction Worst case: mounting direction is not fixed	P

Note: *1 – Test wasn't carried out of OmPlecs TOP 90 RAIL and TOP 200 AMR Indoor