

Test Report

Nº B24-16-CQ-02E



Degree of protection test IK09

TEST SAMPLE	WALL READER
DESIGNATION	WRDi0E4x Serie
REQUESTED BY	SALTO SYSTEMS, S.L.
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STANDARD	IEC 62262:2002
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TEST DATE	28 th October 2016
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* The present report refers only and exclusively to the sample tested and at the moment and conditions in which the measurements were made.
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1. IDENTIFICATION AND CHARACTERISTICS OF TEST SAMPLE

WALL READER

Designation: WRDi0E4x

2. TESTS PERFORMED. STANDARD

Protection against external mechanical impacts **IK09** according to IEC 62262:2002 “Degrees of protection provided by enclosures for electrical equipment against external mechanical impacts (IK code)”

A calculation of uncertainties for all measurements carried out is available.

3. TEST FOR PROTECTION AGAINST EXTERNAL MECHANICAL IMPACTS (IK09)

Verification of the protection against external mechanical impacts is performed applying blows to the enclosure to be tested (impact hammer)

During the test, test sample is mounted on a rigid support; support is considered as sufficient rigid if its displacement is less than or equal to 0.1 mm. Impacts with an energy of 10 J are applied to the frontal, lateral, lower and upper sides.

Condiciones ambientales: 22 °C – 43,5% HR – 102,3 kPa.

RESULT: **CORRECT**. No significant damage is observed that reduces the previous tested degrees of protection and the correct operation of the sample.



Test sample