



valid until: December 14, 2028

Fraunhofer

TESTED[®] DEVICE

KUKA Deutschland GmbH
KMRiisy CR
Report No. KU 2302-1396

Single product Electrical Resistance

Qualification Certificate

This is to certify that the product mentioned above, provided by

KUKA Deutschland GmbH
Augsburg, Germany

has been awarded a Fraunhofer certificate TESTED DEVICE bearing the report number KU 2302-1396.

The robot KMRiisy CR was examined for its electrical resistance at representative points in accordance with DIN EN 61340-2-3. The resistance to groundable point (R_{gp}) values obtained from the test piece must lie within the limits of the limiting value of $1 \times 10^9 \Omega$ required by DIN EN 61340-5-1 for ESD control elements. The point-to-point resistance (R_{p-p}) values obtained from the test piece lies within the limits of the limiting value of $1 \times 10^9 \Omega$ required by DIN EN 61340-5-1 for ESD control elements.

Measuring point	Max. \emptyset -values	Limit value
R_{gp} - potential to contact ESDS	2.2×10^6	fulfilled
R_{p-p} - potential to contact ESDS - potential to contact ESDS	7.3×10^5	fulfilled

DUPLICAT

This document only applies to the named product in its original state and is valid for a period of 5 years from the date the first document was issued. The document can be verified under www.tested-device.com.

Detailed information and parameters of the test environment can be found in the Fraunhofer IPA test report.

KU 2302-1396
Report No. first document

Stuttgart, December 14, 2023
Place, date of first document issued

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Report No. current document

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Place, current date

on behalf of 
Dr.-Ing. Frank Burger, Project Manager Fraunhofer IPA