



Fraunhofer

TESTED[®] DEVICE

KUKA Deutschland GmbH
LBR iisy 15 R930 CR
Report No. KU 2303-1404

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 2303-1404.

The robot LBR iisy 15 R930 CR (color: white and orange) was
examined for its electrical resistance at representative points in ac-
cordance with IEC 61340-2-3. The resistance to groundable point
(R_{gp}) values obtained from the test piece lies within the limits of
the limiting value of $1 \times 10^3 \Omega$ required by IEC 61340-5-1 for ESD
protective elements.

Measuring point	Ope- rating voltage [V]	$R_{gp\ 1}$ ¹⁾ [Ω]	$R_{gp\ 2}$ ¹⁾ [Ω]	Compli- ance with limit value as per IEC 61340-5-1
Contact point 1	10	$< 1 \times 10^3$	$< 1 \times 10^3$	fulfilled
Contact point 2	10	$< 1 \times 10^3$	$< 1 \times 10^3$	fulfilled

¹⁾ R_{gp} : Resistance to groundable point

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 2303-1404
Report No. first document

Stuttgart, April 14, 2025
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 Bürger, Project Manager Fraunhofer IPA