



# Fraunhofer

## TESTED<sup>®</sup> DEVICE

KUKA Deutschland GmbH  
KMR iiwa omniMove CR UL  
Report No. **KU 2206-1325**

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 2206-1325.

The autonomous robot KMR iiwa omniMove CR UL was examined for its electrical resistance at representative points in accordance with ANSI STM4.1:2017. The resistance to groundable point values obtained from the test piece lies not within the limits of the limiting value of  $1 \times 10^9 \Omega$  required by ANSI S20.20-2014 for ESD control elements.

The point-to-point resistance values obtained from the test piece lies not within the limits of the limiting value of  $1 \times 10^9 \Omega$  required by ANSI S20.20-2014 for ESD control elements.

Test procedure	Operating voltage [V]	Max. value [ $\Omega$ ]	Compliance with limit value
Resistance to groundable point	10 / 100	$> 1.0 \times 10^9$	not fulfilled
Point-to-Point resistance	10 / 100	$> 1.0 \times 10^9$	not fulfilled

KU 2206-1325  
Report No. first document

Stuttgart, October 11, 2022  
Place, date of first document issued

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Report No. current document

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Place, current date

on behalf of 

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](http://www.tested-device.com).

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