



## Declaration of Conformity

For the following equipment :

Product Name: KNX controller

Model Designation: KAA-4R4V,KAA-4R4V-10

is herewith confirmed to comply with the requirements set out in the Council Directive, the following standards were applied :

**RoHS Directive (2011/65/EU)**

**Low Voltage Directive (2014/35/EU) :**

EN60669-1:1999+A1:2002+A2:2008 / EN60669-2-1:2004+A1:2009+A12:2010 / EN60669-2-5:2016  
EN63044-3:2018

**Electromagnetic Compatibility Directive (2014/30/EU) :**

**EMI (Electro-Magnetic Interference)**

Conducted emission / Radiated emission

EN50491-5-1:2010 / EN50491-5-2:2010 / EN50491-5-3:2010

EN63044-5-1:2017 / EN63044-5-2:2017 / EN63044-5-3:2017

EN60669-2-1:2004+A1:2009+A12:2010 / EN60669-2-5:2016

Harmonic current EN61000-3-2:2014

Voltage flicker EN61000-3-3:2013

**EMS (Electro-Magnetic Susceptibility)**

EN50491-5-1:2010 / EN50491-5-2:2010 / EN50491-5-3:2010

EN63044-5-1:2017 / EN63044-5-2:2017 / EN63044-5-3:2017

EN60669-2-1:2004+A1:2009+A12:2010 / EN60669-2-5:2016

ESD air EN61000-4-2:2009 Level 3 8KV

ESD contact EN61000-4-2:2009 Level 3 4KV

RF field susceptibility EN61000-4-3:2006+A1:2008+A2:2010 Level 3 10V/m(80MHz-1GHz)

RF field susceptibility EN61000-4-3:2006+A1:2008+A2:2010 Level 2 3V/m(1.4GHz-6GHz)

EFT bursts EN61000-4-4:2012 Level 3 1KV/5KHz(signal ports)

EFT bursts EN61000-4-4:2012 Level 3 2KV/5KHz(power Ports)

Surge susceptibility EN61000-4-5:2014 Level 2 1KV

Conducted susceptibility EN61000-4-6:2014 Level 3 10V

Magnetic field immunity EN61000-4-8:2010 Level 4 30A/m

Voltage dip, interruption EN61000-4-11:2004 60% dip 10 periods;30% dip 25 periods;100% dip 1period;100% interruptions 250 periods

**Note:**

For guidance on how to perform these EMC tests, please refer to TDF (Technical Documentation File).

This Declaration is effective from serial number: HB9xxxxxxx

Person responsible for marking this declaration :

MEAN WELL Enterprises Co., Ltd.

(Manufacturer Name)

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(Manufacturer Address)

Johnny Huang/Manager, Certification Center :

(Name / Position)

Taiwan

(Place)

(Signature)

Jan. 18th, 2019

(Date)

Alex Tsai/Director, Marketing Department :

(Name / Position)

(Signature)