



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)、(EU)2015/863

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: HB9xxxxxx

Person responsible for marking this declaration :

MEAN WELL Enterprises Co., Ltd.

(Manufacturer Name)

No.28, Wuquan 3rd Rd., Wugu Dist., New Taipei City 24891, Taiwan

(Manufacturer Address)

Johnny Huang/Manager, Certification Center :

(Name / Position)

(Signature)

Alex Tsai/Director, Marketing Department :

(Name / Position)

(Signature)

Taiwan

(Place)

Jul. 22nd, 2019

(Date)