



# Declaration of Conformity

For the following equipment :

Product Name: KNX controller

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

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) :

- EN 60669-1:2018
- EN 60669-2-1:2004+A12:2010
- EN 60669-2-5:2016
- EN IEC 63044-3:2018

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

#### EMI (Electro-Magnetic Interference)

Conducted emission / Radiated emission

- EN 60669-2-1:2004+A12:2010
- EN 60669-2-5:2016
- EN IEC 63044-5-1:2019
- EN IEC 63044-5-2:2019
- EN IEC 63044-5-3:2019

Harmonic current EN IEC 61000-3-2:2019

Voltage flicker EN 61000-3-3:2013+A1:2019

#### EMS (Electro-Magnetic Susceptibility)

- EN 60669-2-1:2004+A12:2010
- EN 60669-2-5:2016
- EN IEC 63044-5-1:2019
- EN IEC 63044-5-2:2019
- EN IEC 63044-5-3:2019

ESD air	EN 61000-4-2:2009	Level 3	8KV
ESD contact	EN 61000-4-2:2009	Level 3	4KV
RF field susceptibility	EN IEC 61000-4-3:2020	Level 3	10V/m(80MHz-1GHz)
RF field susceptibility	EN IEC 61000-4-3:2020	Level 2	3V/m(1.4GHz-6GHz)
EFT bursts	EN 61000-4-4:2012	Level 3	1KV/5KHz(signal ports)
EFT bursts	EN 61000-4-4:2012	Level 3	2KV/5KHz(power Ports)
Surge susceptibility	EN 61000-4-5:2014+A1:2017	Level 2	1KV
Conducted susceptibility	EN 61000-4-6:2014	Level 3	10V
Magnetic field immunity	EN 61000-4-8:2010	Level 4	30A/m
Voltage dip, interruption	EN IEC 61000-4-11:2020	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: GC1xxxxxx

Person responsible for marking this declaration :

MEAN WELL Enterprises Co., Ltd.

(Manufacturer Name)

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Aries Jian/ Director, Group R&D :

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Alex Tsai/ Director, Product Strategy Center :

(Name / Position)

*[Signature]*  
(Signature)

Taiwan

(Place)

Oct. 29th, 2021

(Date)