



UK Declaration of Conformity

For the following equipment :

Product Name: KNX controller

Model Designation: KAA-8R,KAA-8R-10 KAA-8R-S,KAA-8R-10S

The designated product(s) is(are) in conformity with the relevant legislation:

The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012: SI 2012 No. 3032

Electrical Equipment (Safety) Regulations 2016 :

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

Electrical Compatibility Regulations 2016 :

EMI (Electro-Magnetic Interference)

Conducted emission / Radiated emission

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

Harmonic current BS EN IEC 61000-3-2:2019

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

EMS (Electro-Magnetic Susceptibility)

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

ESD air	BS EN 61000-4-2:2009	Level 3	8KV
ESD contact	BS EN 61000-4-2:2009	Level 2	4KV
RF field susceptibility	BS EN IEC 61000-4-3:2020	Level 3	10V/m(80MHz-1GHz)
RF field susceptibility	BS EN IEC 61000-4-3:2020	Level 2	3V/m(1.4GHz-6GHz)
EFT bursts	BS EN 61000-4-4:2012	Level 3	1KV/5KHz(signal ports)
EFT bursts	BS EN 61000-4-4:2012	Level 3	2KV/5KHz(power ports)
Surge susceptibility	BS EN 61000-4-5:2014+A1:2017	Level 2	1KV/Line-Line
Conducted susceptibility	BS EN 61000-4-6:2014	Level 3	10V
Magnetic field immunity	BS EN 61000-4-8:2010	Level 4	30A/m
Voltage dip, interruption	BS 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 GC1xxxxxxx

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)

Aries Jian/ Director, Group R&D :

(Name / Position)

(Signature)

Alex Tsai/ Director, Product Strategy Center :

(Name / Position)

(Signature)

Taiwan

(Place)

Oct. 29th, 2021

(Date)