



UK Declaration of Conformity

For the following equipment :

Product Name: AC-DC Industrial On Board Type Power Module

Model Designation: IOB-05-yyzzzz yy=03, 05, 09, 12, 15 or 24,zzzz=0~9, a~z, A~Z, or blank for market purpose

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 62368-1:2014+A11:2017

TUV certificate No : R 50442523

Electrical Compatibility Regulations 2016 :

EMI (Electro-Magnetic Interference)

Conducted emission / Radiated emission

BS EN 55032:2015+A11:2020

BS EN 55032:2015+A11:2020

Harmonic current BS EN IEC 61000-3-2:2019+A1:2021

Voltage flicker BS EN 61000-3-3:2013+A2:2021

EMS (Electro-Magnetic Susceptibility)

BS EN 55035:2017+A11:2020

ESD contact BS EN 61000-4-2:2009 Level 3 6KV

RF field susceptibility BS EN IEC 61000-4-3:2020 Level 3 10V/m

EFT bursts BS EN 61000-4-4:2012 Level 3 2KV/5KHz

Surge susceptibility BS EN 61000-4-5:2014+A1:2017 Level 3 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 <5% residual voltage for 0.5 cycles ,70% residual voltage for 25 cycles , <5% residual voltage for 250 cycles

Note:

A component power supply will be installed into final equipment. Since EMC performance will be affected by the complete installation, the final equipment manufacturers must re-qualify EMC Directive on the complete installation again.

For guidance on how to perform these EMC tests, please refer to "EMI testing of component power supplies".(as available on <http://www.meanwell.com>)".

This Declaration is effective from serial number TC5xxxx

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)

Eris Wu/ Director, Group R&D :

(Name / Position)

Taiwan

(Place)

(Signature)

Aug. 25th, 2025

(Date)

Alex Tsai/ Director, Product Strategy Center :

(Name / Position)

(Signature)