



Declaration of Conformity

For the following equipment :

Product Name: Din-Rail Switching Power Supply

Model Designation: TDR-240-X(X=24,48)

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 IEC 61558-1:2019 / EN 61558-2-16:2009+A1

TUV certificate No : R50421084

Electromagnetic Compatibility Directive (2014/30/EU) :

EMI (Electro-Magnetic Interference)

Conducted emission / Radiated emission

EN 55032:2015/A11:2020

Class B

Harmonic current

EN IEC61000-3-2:2019

Voltage flicker

EN61000-3-3:2013+A1:2019

EMS (Electro-Magnetic Susceptibility)

EN 55024:2010+A1:2015

EN 55035:2017+A11:2020

EN IEC61204-3:2018

EN IEC61000-6-2:2019

ESD air

EN 61000-4-2:2009

Level 4

15KV

ESD contact

EN 61000-4-2: 2009

Level 4

8KV

RF field susceptibility

EN 61000-4-3:2006+A1:2008+A2:2010

Level 3

10V/m

EFT bursts

EN 61000-4-4:2012

Level 3

2KV/5KHz

Surge susceptibility

EN 61000-4-5:2014+A1:2017

Level 4

2KV/Line-Line

Surge susceptibility

EN 61000-4-5:2014+A1:2017

Level 4

4KV/Line-Earth

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
<5% residual voltage for 0.5 cycles ,70% residual voltage for 25 cycles , <5% residual voltage for 250 cycles

Note:

The power supply is considered as a component that will be operated in combination with 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 TDF (Technical Documentation File).

This Declaration is effective from serial number SC2xxxxxxx

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 :

Aries
(Signature)

Alex Tsai/Director, Product Strategy Center :

[Signature]
(Signature)

(Name / Position)

(Name / Position)

Taiwan

Mar. 14th, 2022

(Place)

(Date)