

For the product described below:

Device type: YR2.DIODE

Description of device: DIN Rail Mounted Decoupling Module

Input 1 : DC 10-60V ; 0-20A

Input 2 : DC 10-60V ; 0-20A

Output : Vin – 0,9V ; 0-20A

Decoupling diodes between inputs and output

It is hereby declared that the above equipment is in conformity with the following EC directive: Electromagnetic Compatibility Directive (**89/336 und 93/68/EEC**) and Low Voltage Directive (**73/23 und 93/68 /EEC**)

The following standards were used to assess the product with regard to its electromagnetic compatibility:

Generic emission standard EN 61000-6-3:2001

- also meets the requirements of EN 61000-6-4:2001
- the emission depends on the behavior of the power supplies which are connected to the decoupling module. The test configuration was: Two power supplies connected to YR2.DIODE and a output current of 20A.
- meets the requirements of EN 55022 class B for line-routed interference and radiation
- test setup: : YR2.DIODE and two power supplies on table.
 - line length load/mains line: 1m for line-routed interference (150kHz-30MHz)
 - line length load/mains line: 1,5m horizontal and 0,8m vertical for radiated interference (30MHz-1GHz)

Generic immunity standard EN 61000-6-2:2001

- also meets the requirements of EN 61000-6-1:2001
- The test configuration was: Two power supplies connected to YR2.DIODE and a resistive load.
- in particular the following standards are met:

EN 61000-4-2 (IEC 61000-4-2)	Electrostatic discharge
EN 61000-4-3 (IEC 61000-4-3)	Radio frequency electromagnetic field. Amplitude modulated
EN 61000-4-4 (IEC 61000-4-4)	Fast Transients
EN 61000-4-6 (IEC 61000-4-6)	Radio frequency common mode: Amplitude modulated

The following standard was used to assess the product as regards to the Low voltage Directive: **EN 60950-1:2001**

The manufacturer is liable for this declaration
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