

For the product described below:

**Device type: MLY02.100**

**Description of device: DIN Rail Mounted Decoupling Module**

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

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

Output : Vin – 0,9V ; 0-10A

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 ML100.100 connected to MLY02.100 and a load current of 8,4A.
- meets the requirements of EN 55022 class B for line-routed interference and radiation
- test setup: : MLY02.100 and two ML100.100 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 61000-6-2:1999**

- also meets the requirements of EN 61000-6-1:1998
- The test configuration was: Two ML100.100 connected to MLY02.100 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 60950:2000**

The manufacturer is liable for this declaration  
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Munich, 17.09.2003

Bernhard Erdl , Managing Director

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