

# Free Wheeling Diode

## Description:

This device is used as a free wheeling diode for time critical applications.

## Function:

The device limits the voltage peak while switching off a solenoid by a relays contact. .

## Application:

The device is / can be used as follows:

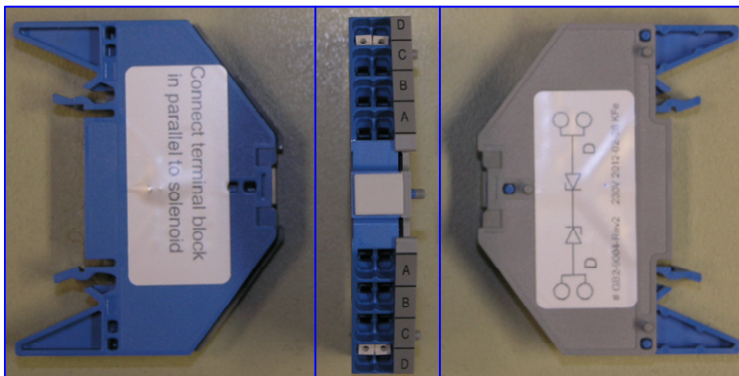
Limit voltage peak while switching off solenoid valves e.g. for hydraulic shut off valves within time critical applications;  
typical reaction time of diode: 10ms

## Technical Data:

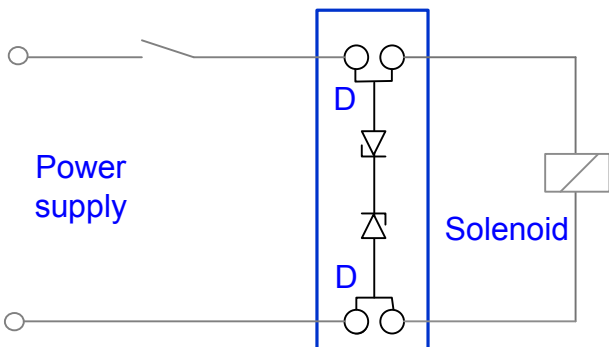
DIN rail mount 7.5mm

Voltage: see table below

Dimensions: length: 80mm  
height: 55mm  
width: 10mm



## Electrical connection:



## Voltage Versions:

GB2-9004-V2.0-xxxVyy where xxx: U/Volt; yy: current type DC or AC

limitation of voltage peak to (typical):

024VDC	033V
110VDC	180V
120VDC	180V
220VDC	280V
240VDC	280V
240VAC	420V

.... (different version upon inquiry)

example for 240VDC: # GB2-9004-V2.0-240VDC

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<b>Description</b>		
Voltage limitation		
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