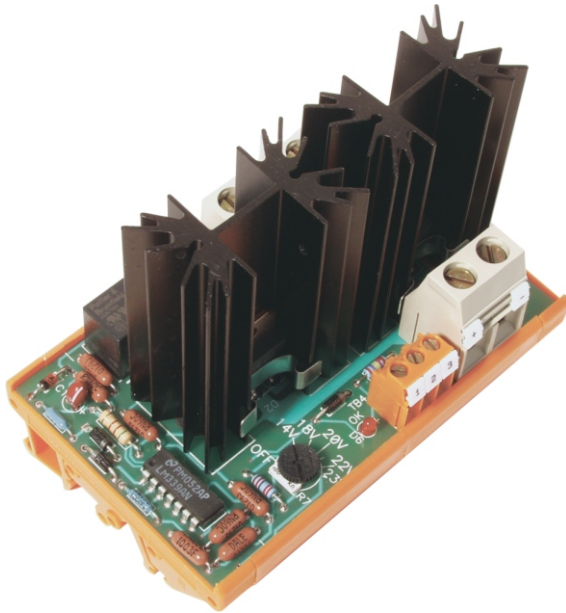


Power Supply Diode Module with Voltage Sensing



This module provides two high current diodes used to connect power supplies in parallel. If one power supply fails or is shutdown the diodes prevent that supply from drawing current from the remaining supply. This is done primarily for redundancy but if the supplies are adjusted to the same output voltage it can also be used for increased load current.

The module features a voltage sensing circuit. A user adjustable set point determines the minimum acceptable voltage level (the same for each power supply). If either supply drops below this level a relay contact will provide a fault signal. This feature allows a DCS or PLC to know the status of the power supplies. It can also be used to drive an annunciator or other alarm device.

Features:

- 30A, 24Vdc rating
- user adjustable set point
- 1 form C (SPDT) alarm contact
- mounts on both 32mm and 35mm DIN rails

Catalog number: 9987390000

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Weidmuller, S.A. de C.V

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Power Supply Diode Module with Voltage Sensing

Specifications

Input:

Voltage	24Vdc typical
Current	30A per input

Output:

Current	30A max.
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Alarm:

Voltage	125Vac max.
Current	6A max.
Configuration	1 form C / SPDT
Set point	14-24Vdc, $\pm 5\%$ typ.

Other:

Voltage drop input-output	0.38V typ.
Operating temperature	0-50°C (40°C rise above ambient @ 30A)
Terminations	
Input / Output	22-8 AWG
Alarm contact	26-12 AWG

Approvals

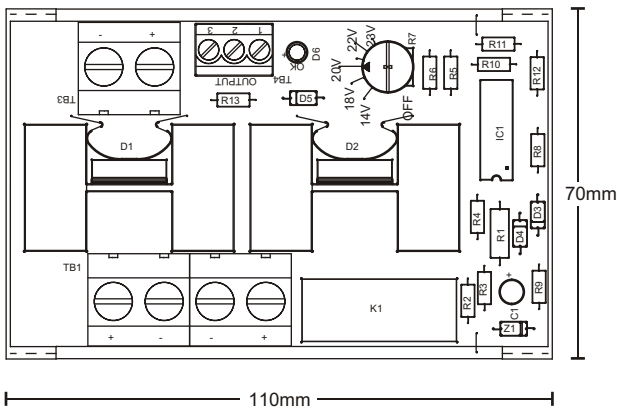
CSA pending / UL recognized

Ordering Data

Diode Module with Voltage Sensing

Cat. No.

9987390000



Height: 90mm

