

RACPRO1-RD40 DIN-Rail Diode Module

The light and slim RACPRO1-RD40 is a high reliability n+1 DIN Rail redundancy diode module in extremely compact dimensions of 135 x 140.4mm with a width of only 43mm. The wide DC input range of 9V to 56V allows connection of Power Supplies with 12V, 24V and 48V outputs in n+1 redundancy operation up to 20A or up to 40A output in sharing/parallel operation. With highly efficient MOSFET-technology the module specially designed for demanding applications in the harsh industrial automation field with only 140mV voltage drop.



These units will deliver up to 40A over the full -40°C to +70°C ambient temperature range with only convection cooling and maximum power loss of 5W typ. The unique and innovative modern design with 25° push-in connectors allows easy tool-less installation or replacement. The product is certified according to the global safety standards IEC/EN/UL/CSA 62368-1. Electromagnetic radiated and conducted emissions are compliant to heavy industrial EN 61000-6-4 Class B emission standard and EN 61000-6-2 immunity standard.

Datasheets and additional information can be found on: <https://recom-power.com>