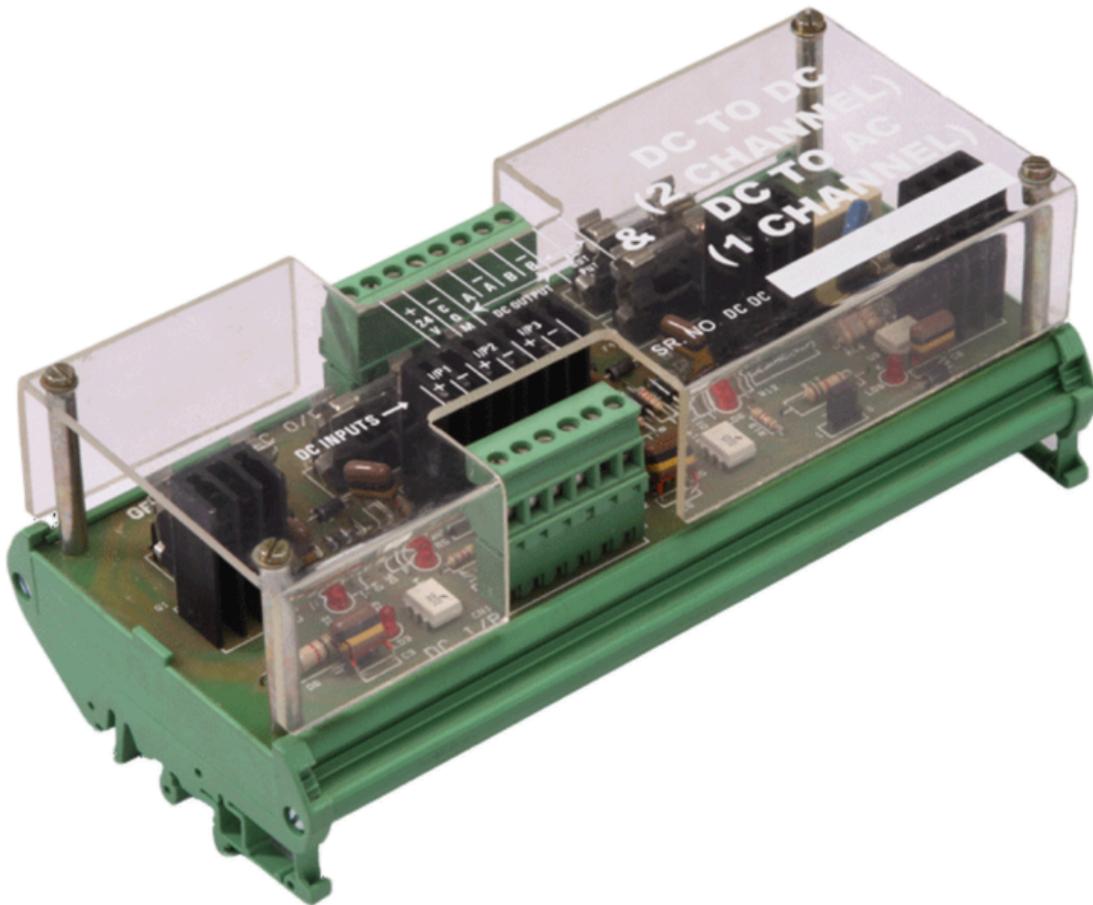




GURURAJ ENGINEERS PVT. LTD.

DC TO DC CONVERTER



Product Overview

The DC to DC Converter by Gururaj Engineers is a solid-state, optically-isolated switching unit that allows control of high-current DC loads through low-voltage control signals.

Available in 2, 4, and 8-channel variants, it offers:

Optical isolation for input signals

LED indicators for each channel

High reliability with long operational life

Advanced heat dissipation system



Key Features

- Optical Isolation – Ensures safety between control input and load side
- Solid-State Technology – No moving parts; longer life and reliability
- Heat Spreader Design – Keeps the unit cool during operation
- LED Status Indicators – Easy visual diagnostics
- Multi-Channel Options – Available in 2, 4, or 8 output channels
- Wide Input Voltage Range – Compatible with various control systems
- Compact Design – Easy to mount in industrial control panels

Benefits

- Long Life – Up to 100 million switching cycles
- Fast Switching – Ideal for high-speed automation tasks
- Noiseless Operation – No mechanical contactors
- Reduced Maintenance – Fewer failure points than relays
- Safety – Fully isolated, reducing risk of back-current damage
- Cost-Effective – Simple and compact solution for multi-load control

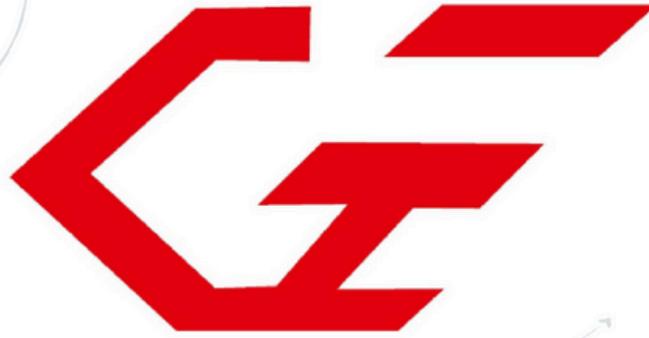
Applications

- Gururaj's DC to DC Converters are widely used across:
-  Packaging Machines – Solenoid and brake control
-  Pharmaceutical Equipment – Valve and actuator control
-  Material Handling Systems – Relay activation
-  Clutch/Brake Systems – Industrial press and extrusion machines
-  PLC Panels – Interface between logic signals and DC loads



Why Choose Us?

Choosing the right partner for your industrial automation needs can make all the difference in performance, reliability, and long-term cost savings. Here's why Gururaj Engineers stands out



GURURAJ ENGINEERS PVT.LTD.

**BUILT ON EXPERTISE.
DRIVEN BY EXCELLENCE.**

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