



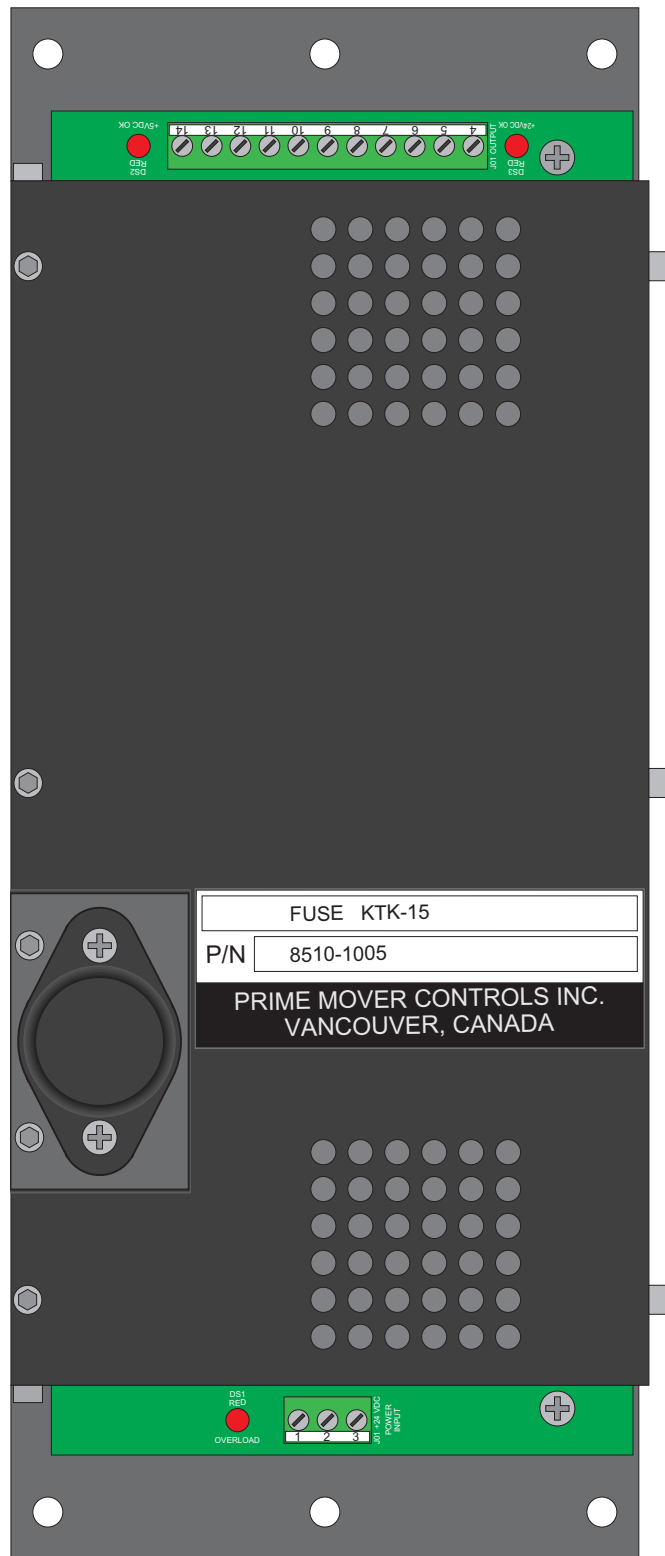
Type 8510-1005

The PMC 8510-1005 converts 18 to 35 V_{DC} input into a regulated 24 V_{DC} output and a regulated 5 V_{DC} output. Both output voltages are isolated from each other and the supply voltage.

FEATURES

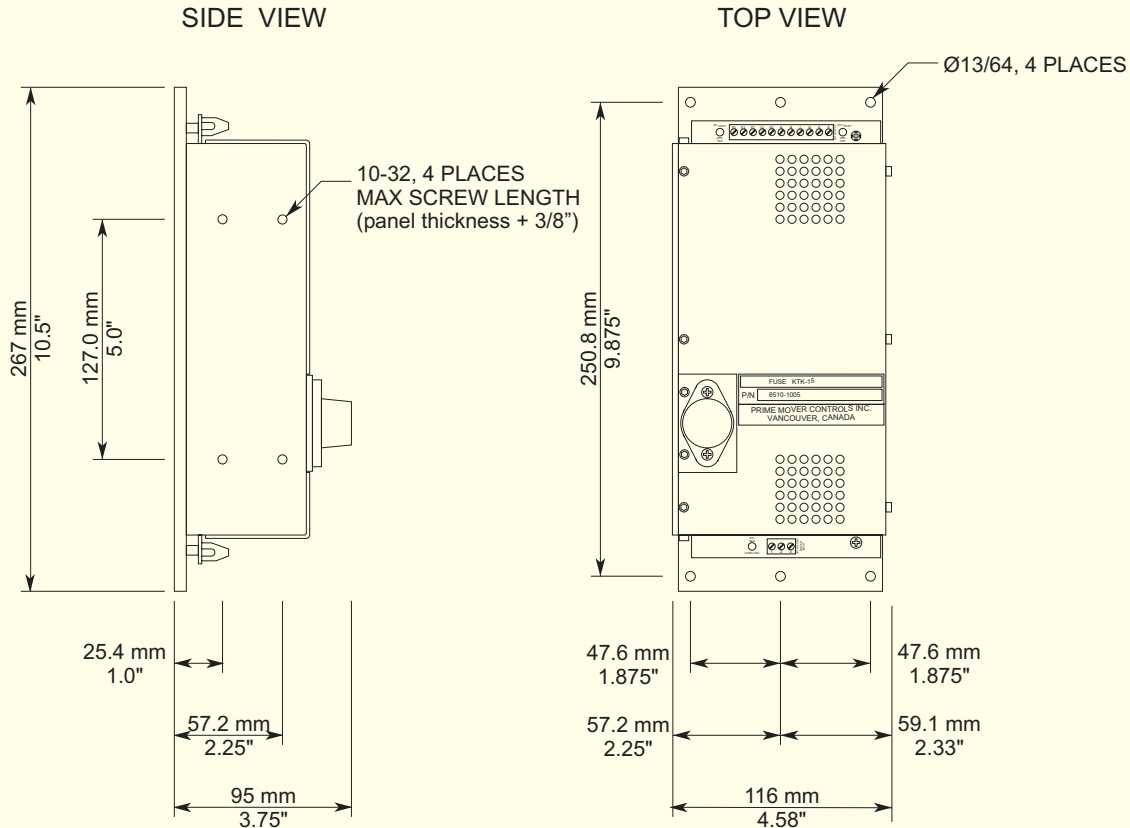
- Overvoltage crowbar at the input and at each output.
- +5 V_{DC} and +24 V_{DC} power on indicators.
- Overload indicator.
- Fault contact.
- 500 V galvanic isolation between inputs and outputs.
- Multiple mounting configurations.

IMACS DC TO DC CONVERTOR



PRIME MOVER CONTROLS INC.

DIMENSIONS FOR 8510-1005 DC TO DC CONVERTOR



SCALE 1 : 4

SPECIFICATIONS:

Supply 24 V_{DC}:

- Nominal 24 V_{DC}, range 18 to 35 V_{DC}
- Reverse and overvoltage protection to 120 V_{AC}
- ½ A quiescent, 6 A nominal, 10 A max
- Input power fuse, 15 A, type KTK-15

Output Specifications:

- +5 V_{DC}, 5 A max
- +24 V_{DC}, 5 A max

Environmental:

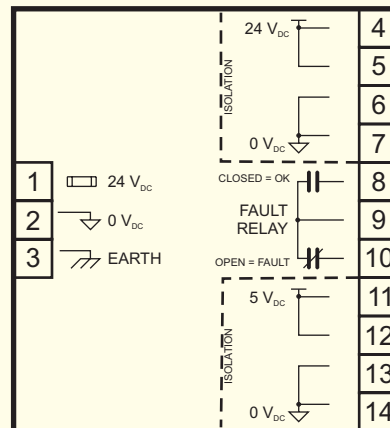
- Operating temperature 0 to 70°C
- Storage temperature -20 to 70°C
- Vibration: Frequency range 2 to 100 Hz
Peak to peak amplitude 2 mm below 13.2 Hz
Acceleration amplitude 0.7 g above 13.2 Hz

Physical:

- IP20 case
- Dimensions 116 mm W × 267 mm L × 95 mm H (4.6" W × 10.5" L × 3.75" H)
- Weight 1.7 kg (3.75 lbs)
- Terminal blocks for 14 to 20 AWG wires

Diagnostics:

- Fault Output, form 'C' contacts, 1 A @ 30 V_{DC}
- +5 V_{DC} OK Indicator
- +24 V_{DC} OK Indicator



PRIME MOVER CONTROLS INC.

3600 GILMORE WAY, BURNABY B.C. CANADA V5G 4R8

TEL 604 433-4644 FAX 604 433-5570 www.pmc-controls.com