MSCTU

Function: converts a 4-20 mA signal into 0-10 V with galvanic insulation also supplies a current output without offset zero: 0 - 20 mA or 0 -1 mA with galvanic insulation with regard to the 4 - 20 mA input.

- Input: 4 - 20 mA
- Output: 0-10 V insulated and 0 - 20 mA or 0 -1 mA insulated
- Insulation : 500 V
- Accuracy : 1%
- Service temperature : 0 to + 60°C
- Power supply : 24 Vdc (19 - 31 Vdc)
- Consumption : 45mA
- Weight : 0 .070 kg

MSI

Function: supplies an insulated voltage of 24 Vdc from a continuous variable voltage from 20 to 60 volts

- Input : 24 Vdc [20-60Vdc], Imax : 500 mA
- Output : 6 channels, 24 Vdc ± 1% insulated, Imax : 400 mA
- Insulation : 100 MOhms/500 Vdc
- Service temperature : 0 to + 60°C
- Power supply : 20 - 60 Vdc
- Fuse : 500 mA
- Weight : 0 .150 kg

ModAlim

Function: supplies a voltage regulated in 24 Vdc from an alternative voltage of 220 Vac [or 115 Vac depending on version], 50/60 Hz

- Input : 220 Vac +/-5 % [or 115 Vac], 50/60 Hz
- Output : 24 Vdc +/- 1%, Imax 360 mA
- Insulation : > 10 MOhms/500 Vdc
- Service temperature : 0 to +60°C
- Power supply : 220 +/-5 % [or 115 Vac], 50/60 Hz
- Fuse : 315 mA
- Weight : 0.75 kg
Function: converts a voltage or thermocouple input into 4-20 mA signal
- Input: voltage, 0 - 7 mV to 0 - 105 mV ranges
  - thermocouples J, K, T, R, B, E
  - 0 / 100 °C to 0 / 1820 °C ranges
- Output: 4 - 20 mA not linearized
  - I < 3.6 mA or I > 21 mA on sensor break
- Accuracy: < 1%
- Service temperature: +5°C to + 55 °C
- Power supply: 24 Vdc (19 - 31 Vdc)
- Load resistance: < [V powersupply - 10] / 0.02
  - 700 hms max at 24 V
- Consumption: 25mA max
- Weight: 0.135 kg

Function: converts a Pt100 or PT1000 probe input into 4-20 mA signal
- Input: Pt100 or Pt1000 probe, 2 or 3 wires
- Output: 4 - 20 mA not linearized
  - I < 3.6 mA or I > 21 mA on sensor break
- Accuracy: < 1%
- Service temperature: +5°C to + 55 °C
- Power supply: 24 Vdc (19 - 31 Vdc)
- Load resistance: < [V powersupply - 10] / 0.02
  - 700 hms max at 24 V
- Consumption: 25mA max
- Weight: 0.135 kg

Function: realizes the galvanic insulation of a 4-20 mA current loop
- Input: 4 - 20 mA
- Insulation: 500 V with DC/DC, 1500V without DC/DC
- Accuracy: 1%
- Temperature drift: 0.5 % per 10°C
- Service temperature: 0 to + 80°C
- Relative humidity: 45 to 75%
- Powersupply without DC/DC: 24 Vdc (19 - 31 Vdc guaranteed)
  - Limit values 10 to 32 Vdc, max undulation 5%
- Insulation resistance for 500 Vdc: 100 Mohms
- Consumption: 45 mA max
- Weight: 0.135 kg

Function: monitors a 4-20 mA current and triggers an alarm if 3.6 < I < 21 mA
- Input: 0-50mA, Ze 30 Ohms, insulation 500V
- Output: contact without voltage (Vmax.125 V, Imax 1.25 A, Pmax 30W/50VA) by NE relay
  - (normally energized)
- Threshold time delay: 0.5 sec.
- Service temperature: +5°C to + 60 °C
- Power supply: 24 Vdc (19 - 31 Vdc)
- Consumption: 45 mA max
- Weight: 0.15 kg

Function: monitors a 24 Volt voltage and triggers an alarm if 19 < V < 31 vdc
- Input: 18-32 Vdc
- Output: contact without voltage (Vmax.125 V, Imax 1.25 A, Pmax 30W/50VA) by NE relay
  - (normally energized)
- Service temperature: + 0 to 60°C
- Power supply: 24 Vdc (19 - 31 Vdc)
- Consumption: 45 mA max
- Weight: 0.065 kg

Function: monitors an electrovalve line, a coil of relays or any contact and triggers an alarm if break on the monitored line
- Input: line with power supply between 19 and 31 Vdc
- Output: 2 contacts without voltage (Vmax.125 V, Imax 1.25 A, Pmax 30W/50VA) by NE relay
  - (normally energized)
- Service temperature: + 0 to 60°C
- Power supply: 24 Vdc (19 - 31 Vdc)
- Consumption 30 mA
- Weight: 0.065 kg