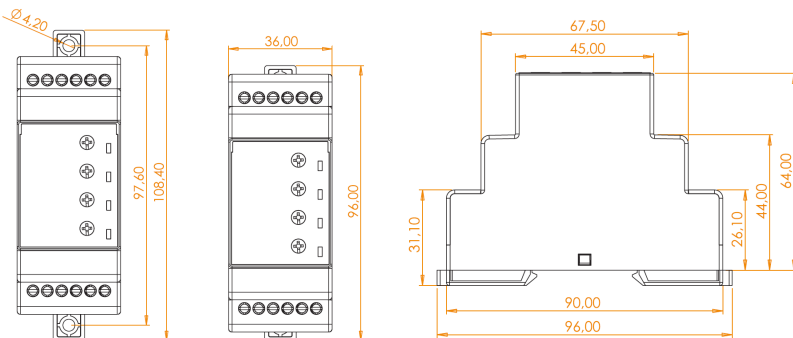


tip	sipariş no
VT3N-AC	600 111
VT3N-AC-24	600 113
VT3N-AC-LP	600 115
VT3N-ACDC-24	600 116

teknik özellikler

Besleme gerilimi (U_N)	VT3N-AC : 85 .. 265V AC/DC VT3N-AC-24 : 10 .. 36V DC VT3N-ACDC-24 : 10 .. 36V DC VT3N-AC-LP : 9 .. 30V DC
Güç tüketimi	< 1.5 W < 4 VA
Tepki süresi	< 35 msn
Ölçüm hatası	< %0.2 (tam skala, 25°C)
Sıcaklık katsayısı	< 150 ppm/°C
Yük	≤ 600Ω (akım çıkışı) ≥ 10kΩ (gerilim çıkışı)
Giriş sinyal aralığı (ürün üzerinden seçilebilir)	0 .. 24 V AC 0 .. 50 V AC 0 .. 120 V AC 0 .. 200 V AC 0 .. 240 V AC 0 .. 300 V AC 0 .. 400 V AC 0 .. 450 V AC 0 .. 500 V AC 0 .. 690 V AC
VT3-AC, VT3-AC-24, VT3-AC-LP	
Giriş sinyal aralığı (ürün üzerinden seçilebilir)	0 .. 24 V AC 0 .. 24 V DC 0 .. 50 V AC 0 .. 50 V DC 0 .. 120 V AC 0 .. 120 V DC 0 .. 200 V AC 0 .. 200 V DC 0 .. 240 V AC 0 .. 240 V DC 0 .. 300 V AC 0 .. 300 V DC 0 .. 400 V AC 0 .. 400 V DC 0 .. 450 V AC 0 .. 450 V DC 0 .. 500 V AC 0 .. 500 V DC 0 .. 690 V AC 0 .. 690 V DC
VT3-ACDC-24	
Giriş sinyal frekansı	50/60 Hz
Analog çıkış sinyali (ürün üzerinden seçilebilir)	0 .. 20 mA 4 .. 20 mA ±20 mA 20 .. 0 mA 20 .. 4 mA 0 .. 5 V 0 .. 10 V ±5 V ±10 V 10 .. 0 V
VT3N-AC, VT3N-AC-24, VT3N-ACDC-24	
Analog çıkış sinyali (VT3-AC-LP)	4 .. 20 mA
Maksimum analog çıkış akımı	24mA
Maksimum analog çıkış gerilimi	12V
Çalışma sıcaklık aralığı	-20°C .. 60°C
İzolasyon	1.5kV _{RMS} (Cont.) , 3kV _{RMS} (5sn)
IP sınıfı	IP20
Bağlantı	Vidalı klemens terminali
Montaj tipi	Raya montaj

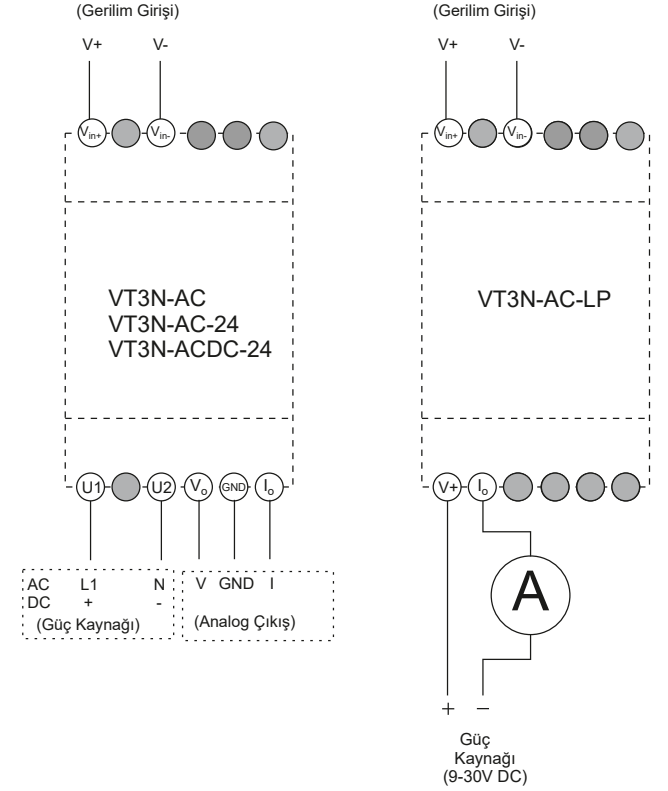
boyutlar



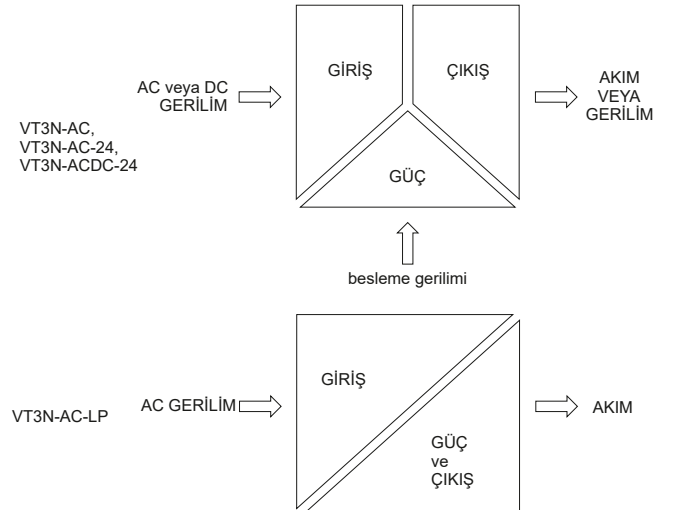
hata durumu bildirimi

Hata Durumu	LED Gösterimi
gerilim çıkışı modu: kısa devre durumu	Err:
akım çıkışı modu: açık devre durumu	Err:
sinyal yok	ON:

bağlantılar



izolasyon yapısı

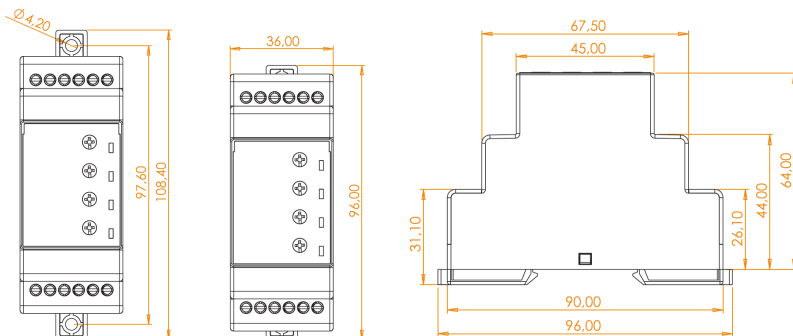


type	order no
VT3N-AC	600 111
VT3N-AC-24	600 113
VT3N-AC-LP	600 115
VT3N-ACDC-24	600 116

technical specifications

Supply voltage (U_N)	VT3N-AC : 85 .. 265V AC/DC VT3N-AC-24 : 10 .. 36V DC VT3N-ACDC-24 : 10 .. 36V DC VT3N-AC-LP : 9 .. 30V DC
Power consumption	< 1.5 W < 4 VA
Response time	< 35 msec
Measurement error	< %0.2 (full scale, 25°C)
Temperature coefficient	< 150 ppm/°C
Load	≤ 600Ω (current output) ≥ 10kΩ (voltage output)
Input signal range (configurable)	0 .. 24 V AC 0 .. 50 V AC 0 .. 120 V AC 0 .. 200 V AC 0 .. 240 V AC 0 .. 300 V AC 0 .. 400 V AC 0 .. 450 V AC 0 .. 500 V AC 0 .. 690 V AC
VT3N-AC, VT3N-AC-24, VT3N-AC-LP	0 .. 24 V AC 0 .. 50 V AC 0 .. 120 V AC 0 .. 200 V AC 0 .. 240 V AC 0 .. 300 V AC 0 .. 400 V AC 0 .. 450 V AC 0 .. 500 V AC 0 .. 690 V AC
Input signal range (configurable)	0 .. 24 V DC 0 .. 50 V DC 0 .. 120 V DC 0 .. 200 V DC 0 .. 240 V DC 0 .. 300 V DC 0 .. 400 V DC 0 .. 450 V DC 0 .. 500 V DC 0 .. 690 V DC
VT3N-ACDC-24	0 .. 24 V DC 0 .. 50 V DC 0 .. 120 V DC 0 .. 200 V DC 0 .. 240 V DC 0 .. 300 V DC 0 .. 400 V DC 0 .. 450 V DC 0 .. 500 V DC 0 .. 690 V DC
Input signal frequency	50/60 Hz
Analog output signal (configurable)	0 .. 20 mA 4 .. 20 mA ±20 mA 20 .. 0 mA 20 .. 4 mA 0 .. 5 V 0 .. 10 V ±5 V ±10 V 10 .. 0 V
VT3N-AC, VT3N-AC-24, VT3N-ACDC-24	0 .. 20 mA 4 .. 20 mA ±20 mA 20 .. 0 mA 20 .. 4 mA 0 .. 5 V 0 .. 10 V ±5 V ±10 V 10 .. 0 V
Analog output signal (VT3-AC-LP)	4 .. 20 mA
Maximum analog output current	24mA
Maximum analog output voltage	12V
Operating temperature	-20°C .. 60°C
Isolation	1.5kV _{RMS} (Cont.) , 3kV _{RMS} (5sec.)
IP class	IP20
Connection	Screw terminals
Mounting type	Rail mounted

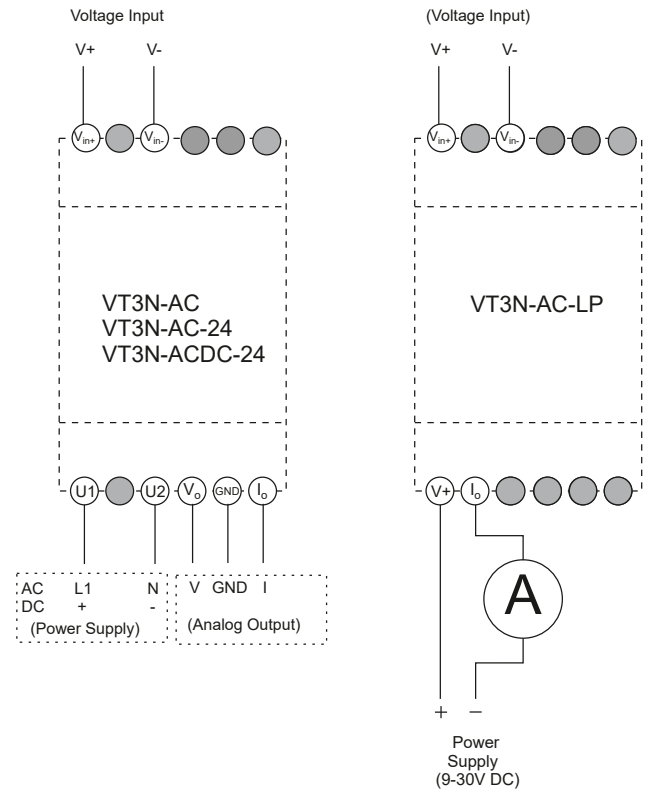
dimensions



failure indication

Failure Status	LED Indication
voltage output mode: short circuit	Err:
current output mode: open circuit	Err:
no signal	ON:

connections



isolation diagram

