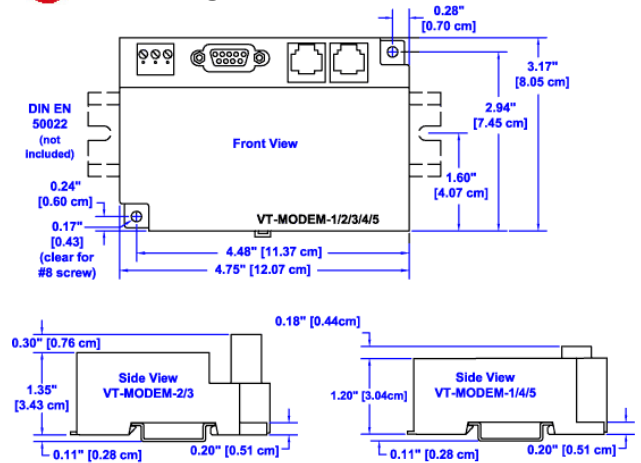


Performance Specifications	
Telephone Line	
Max. data rate	33.6 kbps for -1, -2, -3 & -4; 56 kbps for -5
Compatibility	V.90, V.92 (-5 only); V.34, V.32 bis, V.32, V.22, V.22A/B, V.23, V.21, Bell 212A and 103
Data compression	V.44; V.42 bis, MNP 5
Error correction	V.42 MNP 2-4
Max. fax rate	14.4 kbps for -1, -2, -3 & -4; 33.6 kbps for -5
Fax capabilities	V.17, V.29/V.27/V.21, FClass 1, 1.0 (-1,-2,-3) V.34, V.17, V.29/V.27/V.21, FClass 1, 1.0, 2, 2.0/2.1 (-4 and -5 only)
Ringer & jacks	0.3 & RJ11 (line and auxiliary)
RS232 Port	
Max. RS232 Rate	115.2 kbps for -1, -2, -3 & -4; 230 kbps for -5
RS232 (DCE)	TD, RD, CTS, RTS, CD, DTR, DSR, RI, GND
Command Set	Standard AT and S register (see help)
Status LEDs	CD, DTR, RD, TD, Power
PLC Discrete I/O Interface (VT-MODEM-2 Only)	
"Trigger" Input	Starts auto-dialing when TRUE
Voltage range	9 to 30 VDC (6.5 mA at 24 VDC)
Max OFF voltage	5 VDC
"On-line" Output	Output is ON when connection exists
Output type	Sourcing — switches supply power
Output current	100 mA maximum
RS422 / RS485 Port (VT-MODEM-3 Only)	
RS422 mode	Supports 4 wire full duplex
RS485 modes	2 or 4 wire party-line operation
Signal rate	Standard rates up to 115.2 kbps
RS422/485	Up to 0.5 miles
General Characteristics	
Input voltage	10-30 VDC for -1, -2, -4 & 5; 10-52 VDC for -3
Input current @ 24 VDC (typical)	50 mA (Sleep mode 30 mA): -1,-2,-3 (Rev.3) 75 mA (Sleep mode 50 mA): -4, -5
Operating Temp.	-30° to 70°C (Storage: -40° to 85°C)
Humidity	5% to 95% RH (non-condensing)
Flammability	UL 94V-0 materials
Telecom Ratings	FCC part 68, Industry Canada CS03-8, CTR21 (98/482/EC); ACA TS 001; ACA TS 002
Electrical Safety	UL 508, CSA C22.2/14; EN61010-1 (IEC1010), IEC 950, AS/NZS3260
EMI emissions	FCC part 15, ICES-003, Class A; EN55022; AS/NZS3548
EMC immunity	EN50082-1 (IEC801-2, 3, 4)
Vibration	IEC68-2-6
Hazardous locations (Zone 2)	UL1604, CSA C22.2/213 (Class I, Div 2, Groups A, B, C, D); Cenelec, EN50021 (EEx nA II T4)
Mounting	DIN rail or panel mount

## Mounting Dimensions



**Note:** Screw holes are provided as an alternative to DIN rail mounting.

## Complete documentation

is on the SIXNET CD or may be downloaded from [www.industrialmodem.com](http://www.industrialmodem.com). Includes applications help for many common situations



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Specifications are subject to change. Consult factory for latest information.