

AMS

Modem module

Overview

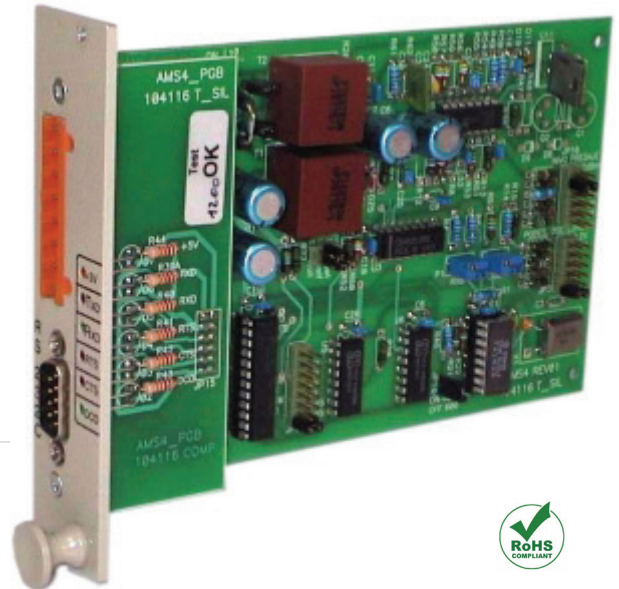
- Communication interface for telephone twisted pair of wires and radiostations
- Central computer and remote station data transfer
- LED indication: power and signal presence

Application

AMS modem module for Atlas Max[®] devices connects Atlas devices to other remote devices.

Design

AMS module consists of a single Eurocard (160x100mm) and a front mask (262x30mm), and it fits into standard double 19" racks.



Terminal Connection

Line extension: 4-wire or 2-wire
 Number of line extensions: 1
 Connection: to telephone lines via 8-pair connection modules

Technical Data

Standard:	V.23	Control signals (RS232 interface):	
Transfer speed:	1200 Bd	RTS	send query
Transfer type:	non-sync transfer	CTS	ready to send
Way of transfer:	semi-duplex or full duplex	DCD	carrier detection
Transfer route:	ground lines	Data signals:	
Line extensions impedance:	600Ohm symmetrical	TXD	inputdata
Modulation type:	binary FSK	RXD	input data
Frequency:		Latency:	
MARK	1300Hz (speed 1200Bd)	During the switch to	
SPACE	2100Hz (speed 1200Bd)	data input RTS to CTS	0 do 960 ms
Transmit signal range		During the switch to	
setting:	2dBm, 0dBm, -4dBm, -8dBm, -12dbm, -16dbm	data input	0 do 960 ms
Input signal range:	-40dBm - 0dBm	Radio station keying relay:	Dry relay contacts up to 300V DC and 0.5A
Hysteresis input signal detector:	2dB	Power supply:	
		Nominal value	9 to 12VDC, 100mA
		Permissible deviation	+/- 10% nominal value
		Environment:	
		Temperature:	0 to 50°C
		Humidity:	to 95%