

## FSK Modem



- Digital Signal Processor(DSP)-based operation with high reliability and robust functionality
- 600 and 1200 bps selectable baud rates in full duplex mode
- Asynchronous and synchronous operation (with Rx and Tx clock)
- Single channel and double channel (main and standby) models with auto switch-over feature
- Transmit level adjustment from 0 to -18 dBm (-3 dBm steps) and 0 to -20 dBm with potentiometer
- High receive sensitivity: minimum -30 dBu
- 24, 48 and 110 Vdc power supply input options
- Full support of handshaking signals
- Separate monitoring (listening) port for data signals
- LED indicator for Rx, Tx, DCD, RTS and Alarm signals
- Alarm contact output
- Rack-mount and rail-mount models available
- Direct replacement for ABB NSK5 modem (rack-mount model)
- In compliance with IEC 60255-5 and IEC 61000-4-2 standards (EMC)



### Specifications:

<b>Modulation</b>	FSK	<b>Synchronization Clock</b>	Transmit / Receive
<b>Baud Rate</b>	600/1200 bps	<b>Line Output Impedance</b>	600
<b>Frequency</b>	(600bps) 2760±240 Hz	<b>Data Interface</b>	V.24 / RS 232-D with Handshaking (DB-25)
	(1200bps) 1700±400 Hz		
<b>Data Transfer Method</b>	Serial- Synchronous and Asynchronous	<b>Dimensions (W×H×D)</b>	Rack Mount (6U) 30.5×266.7×220 mm Rail Mount 107×94×59 mm
<b>Operating Mode</b>	Full duplex / 4-wire	<b>Weight</b>	300 gr
<b>Tx Signal Level</b>	0dBm to -20dBm	<b>Operating Environment</b>	0 to +45 °C
<b>Rx Signal Sensitivity</b>	-30 dBu min	<b>Power Supply</b>	24/48/110 V dc