

BLUE GATE *compact dual Band*

BLUE GATE compact dual Band is GSM gateway based on module Siemens TC35 equipped by a lot of programmable features. It has been designed as modular system enables increasing of service comfort (16kHz pulses, UPS, module for connection to internal line, module RS232 - GSM modem, etc.). With Siemens TC35 module is determined for network 900MHz even 1800MHz.

BLUE GATE compact dual Band connect your PBX or analog phone to GSM network without assistance of fix network. It is working as standard public line and you can use all features of PBX (DISA, transferring of calls, conference etc.)

BLUE GATE compact dual Band enables make restriction of the calls.



OPTION MODULES BLUE GATE compact dual Band

TARIF GATE – module for charging (sending 16 kHz charge pulses)

UPS GATE - module for power supply 12 V (UPS)

RS GATE - module for connection PC over RS 232 (SMS, data, fax, etc.)

BLUE GATE compact dual Band is delivered with antenna as same as main adapter. For activation you need SIM card only.

Technical features:

Generally

Type	Blu Gate compact dualband
Operating position	various
Operating conditions	temperature: +5° C ÷ +40° C, humidity: 10% ÷ 80% at 30° C
Dimensions	140x150x65 mm
Weight	max. 1 kg

Part of power supply

Supply voltage	230 V (±10%) (main adapter)
Power input	max. 15 VA
Protection	thermal fuse in adapter
Safety group	ČSN EN 60950 group 2

Analogue telephopne line

telephone interface	2-wires
telephone conector	RJ 11
Impedance	600 Ω ± 20%
Dial	- pulse 28-200 : 20-200 ms - tone DTMF $t_t > 30$ ms
Supply conduction	symmetrical 24V
Current loop	max 38 mA
Resistance of subscribers conduction	max. 500 Ω
Ringing	55 V_{ef} / 50 Hz
Signalization	425 Hz ±20Hz

GSM:

mobile network	compactible for GSM 900 and GSM 1800
provider	according SIM card (3V and 1.8 V)
reaction after finishing of GSM connection	busy tone, disconnection of loop on set time

Service

Waiting for dial after picking up	1 - 99 s or without restriction
Waiting for last numeral of dial	1 - 15 s
Dialling after set numeral number	dialling send after 1 - 19 numeral
Dialling is send immediatelly	according setting # or *
Checking of dialled numbers	9 memories for 4 digits fix numbers
Prefix dialling	1 memory for 4 digits prefix
ringing after inicialization	0,1 - 9,9 s or none
ignorating of dialling after picking up	0 - 9,9 s
disconnection of loop after hanging up	0 - 19 s
Select type of dial	pulse, tone, both
Restriction of call duration	10 min, possibility of postpone by #