

BT Redcare GSM Technical Datasheet

BT Redcare GSM combines a secure Redcare landline connection with a GSM radio backup path. In an event of a line cut it enables alarm systems to be monitored by the radio path. If the BT landline fails, the Alarm Receiving Centre will receive a communication failure message. The GSM path will continue to communicate with the Alarm Receiving Centre, sending any subsequent alarms prompting the Alarm Receiving Centre to alert the emergency services.

Great For:

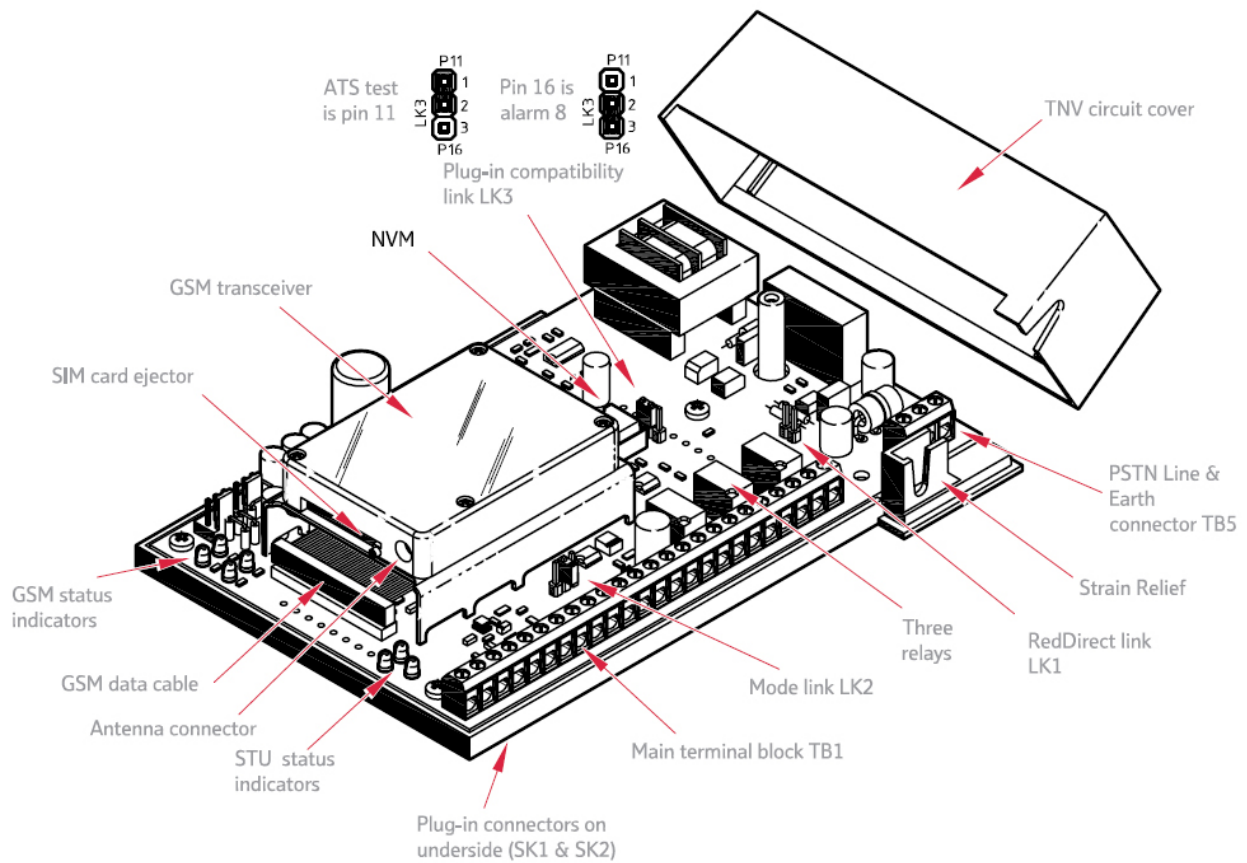
Maximum protection against intrusion for your business or property.

Highlights:

- BT Redcare GSM has a separate landline and radio path. If for any reason one is interrupted or fails the alarm receiving centre is informed whilst the other path continues to monitor.
- There are no call charges to pay for on the signals sent to the landline or radio path.
- There is no additional cost for a new landline, BT Redcare GSM will work on an existing BT landline or broadband connection, even if the line is busy.
- BT Redcare GSM is compliant with British and European Standards for intruder and fire alarm signalling up to Grade 4.

Specification GSM EV STU:

Pin alarm inputs	
Logic High	+3.5 V to +30 V
Logic Low	-0.5 V to +0.8 V
Logic level outputs: (on sockets SK1 and SK2)	
Logic High	3.8 V @ 560 iA max
Logic Low	0.4 V @ 280 iA max
These voltages are with respect to the 0V terminal on TB1	
Relay contacts	
30 V, 1 A Max	
Physical	
Size	168 x 115 x 36 mm
Mass	360 g
Environmental	
Operating ambient temperature +5° C to +40° C	
Power supply requirements	
Voltage:	
10 V DC to 15 V DC	
Current:	
350 mA peak @12 V DC (Required rating of power supply)	
160 mA mean @12 V DC (For standby battery capacity)	
Ripple/noise:	
200 mV p-p max.	
Low battery threshold (detected by GSM STU EV):	
10.8 V ± 0.2 V	



To find out more about BT Redcare GSM,
 email: redcare@bt.com
 or call: 0800 800 828

Offices Worldwide

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