GSM Remote Control Systems

Features

- Two way remote control Via SMS Text
- Easy to install and configure using only SMS text messages
- Modular Expandable System
- 2-18 digital inputs (volt free)
- 2-18 Relay Changeover contacts rated 240Vac 5A
- Text on Power Restore
- Integral Antenna supplied (External Option)
- Optional Temperature Sensor
- User can set inputs and outputs names
- Worldwide quad-band GSM.
- O2 SIM Card Included

EZTEXT-DIN

PRO-EZTEXT-26

Applications

- Plant Maintenance
- Warnings / Alarms/ Reset
- Irrigation Systems
- Security Systems
- Heating Control
- World-wide Telemetry Signals

Description

A GSM Remote Control System operated by SMS text message. Available as DIN Rail Modules or a ready made System within an IP56 enclosure Mains power supply and bundled SIM card ready to go.

The user can switch the relay changeover contacts by sending a simple or custom text of their choice.

EZTEXT will send an SMS text to up to five numbers on activation of one of its inputs or temperature set points.

The user can give custom names to Inputs/outputs and create Custom messages. Setup is easy with a few simple SMS Text Commands.

Ordering Information

PART No	Description
EZTEXT-DIN	DIN Rail SMS Control System
PRO-EZTEXT26	2 IP 6 OP Channel Remote Control System

EZTEXT-DIN

Safety Information

Carefully read the following safety information before proceeding with installation, operation, or maintenance of RF Solutions product. Failure to follow these warnings could result in death or serious injury

- This radio system must not be used in areas where there is a risk of explosion.
- Only qualified personnel should be permitted to access the transmitter and operate the equipment.
- Always follow operating information as well as all applicable safety procedures and requirements.
- You must satisfy the age requirements in your country for operating the equipment.
- Store in a safe place.
- Keep a clear view of the work area at all time before using, check it is safe to do so

Before maintenance intervention on any remote controlled equipment

- Do not open the receiver enclosure unless you are qualified.
- Disconnect all electrical power from the equipment.
- Check the enclosure and cable for damage regularly, do not use if there is evidence of damage

Electrical Safety

  ISOLATE the mains electricity supply before removing the cover and observe any relevant safety information.

- Maintenance to the product that involves removal of the cover should only be carried out by a competent person or qualified electrician.
- Ensure adequate protection on the Load circuit
- Refer to Product Datasheet for MAX operating Load.
- Product must be installed in accordance with the local country electrical regulations.
- A current limiting supply must be used in accordance with the datasheet

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Information sur la sécurité

Lisez attentivement les informations de sécurité suivantes avant de procéder à l'installation, l'utilisation ou la maintenance du produit RF Solutions. Le non-respect de ces avertissements peut entraîner la mort ou des blessures graves

- Ce système radio ne doit pas être utilisé dans des zones présentant un risque d'explosion
- Seul le personnel qualifié doit être autorisé à accéder à l'émetteur et à utiliser l'équipement.
- Suivez toujours les instructions d'utilisation ainsi que toutes les procédures et exigences de sécurité applicables.
- Vous devez satisfaire aux exigences d'âge dans votre pays pour utiliser l'équipement
- Il est strictement interdit d'utiliser l'équipement sous l'influence de drogues, d'alcool et/ou de médicaments.
- Conserver dans un endroit sûr.
- Gardez une vue dégagée sur la zone de travail à tout moment

Avant intervention de maintenance sur tout équipement télécommandé
- N'ouvrez pas le boîtier du récepteur à moins d'être qualifié
- Coupez toujours l'alimentation électrique de l'équipement.
- Vérifiez régulièrement que le boîtier et le câble ne sont pas endommagés, ne les utilisez pas s'il y a des preuves de dommages

Avertissements de sécurité

- ISOLER l'alimentation électrique avant de retirer le couvercle et observer toutes les précautions de sécurité pertinentes.
- L'entretien du produit qui implique le retrait du couvercle ne doit être effectué que par une personne compétente ou un électricien qualifié.
- La valeur nominale du fusible F2 est de 4A (T) 250 H (céramique). Remplacez le fusible par le même type et la même valeur nominale.
- La sortie relais est évaluée à 10A en crête et 5A en constante.
- Le produit doit être connecté à une alimentation à fusible ou à une prise de connexion appropriée répondant aux exigences du pays d'installation.

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Veiligheidsinformatie

Lees de volgende veiligheidsinformatie zorgvuldig door voordat u doorgaat met de installatie, bediening of het onderhoud van het RF Solutions-product. Het niet opvolgen van deze waarschuwingen kan de dood of ernstig letsel tot gevolg hebben

- Dit radiosysteem mag niet worden gebruikt in gebieden waar explosiegevaar bestaat.
- Alleen gekwalificeerd personeel mag toegang krijgen tot de zender en de apparatuur bedienen.
- Volg altijd de bedieningsinformatie en alle toepasselijke veiligheidsprocedures en -vereisten.
- U moet voldoen aan de leeftijdsvereisten in uw land voor het gebruik van de apparatuur.
- Bewaar op een veilige plaats.
- Houd te allen tijde een duidelijk zicht op het werkgebied voordat u het gebruikt, controleer of het veilig is om dit te doen

Vóór onderhoudsinterventie op op afstand bediende apparatuur
- Open de behuizing van de ontvanger niet tenzij u hiervoor gekwalificeerd bent.
- Koppel alle elektrische stroom van de apparatuur los.
- Controleer de behuizing en kabel regelmatig op beschadigingen, niet gebruiken als er tekenen van schade zijn

Electrische veiligheid

ISOLEER de netvoeding voordat u het deksel verwijdert en neem alle relevante veiligheidsinformatie in acht.

- Onderhoud aan het product waarbij de afdekking moet worden verwijderd, mag alleen worden uitge-voerd door een competent persoon of een gekwalificeerde elektricien.
- Zorg voor voldoende bescherming op het belastingscircuit
- Raadpleeg het productgegevensblad voor de MAX bedrijfsbelasting.
- Het product moet worden geïnstalleerd in overeenstemming met de plaatselijke elektriciteitsvoor-schriften van het land.
- Er moet een stroombegrenzende voeding worden gebruikt in overeenstemming met de datasheet

EZTEXT-DIN

Sicherheitsinformation

Lesen Sie die folgenden Sicherheitsinformationen sorgfältig durch, bevor Sie mit der Installation, dem Betrieb oder der Wartung des RF Solutions-Produkts fortfahren. Die Nichtbeachtung dieser Warnungen kann zum Tod oder zu schweren Verletzungen führen.

- Dieses Funksystem darf nicht in explosionsgefährdeten Bereichen eingesetzt werden.
- Nur qualifiziertem Personal sollte der Zugang zum Messumformer und die Bedienung des Geräts gestattet werden.
- Befolgen Sie immer die Betriebsinformationen sowie alle geltenden Sicherheitsverfahren und -anforderungen.
- Für den Betrieb des Geräts müssen Sie die Altersanforderungen Ihres Landes erfüllen.
- An einem sicheren Ort aufbewahren.
- Behalten Sie vor der Verwendung jederzeit freie Sicht auf den Arbeitsbereich und prüfen Sie, ob dies sicher ist

Vor Wartungsarbeiten an ferngesteuerten Geräten
- Öffnen Sie das Empfängergehäuse nur, wenn Sie dafür qualifiziert sind.
- Trennen Sie die gesamte Stromversorgung vom Gerät.
- Gehäuse und Kabel regelmäßig auf Beschädigungen prüfen, bei Anzeichen von Beschädigungen nicht verwenden.

Elektrische Sicherheit

TRENNEN Sie die Netzstromversorgung, bevor Sie die Abdeckung entfernen und beachten Sie alle relevanten Sicherheitshinweise.
- Die Wartung des Produkts, bei der die Abdeckung entfernt wird, darf nur von einer sachkundigen Person oder einem qualifizierten Elektriker durchgeführt werden.
- Sorgen Sie für einen ausreichenden Schutz des Lastkreises
- Siehe Produktdatenblatt für MAX Betriebslast.
- Das Produkt muss in Übereinstimmung mit den örtlichen Elektrovorschriften des Landes installiert werden.
- Es muss eine Strombegrenzungsversorgung gemäß Datenblatt verwendet warden.

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Información de seguridad

Lea atentamente la siguiente información de seguridad antes de continuar con la instalación, operación o mantenimiento del producto de RF Solutions. El incumplimiento de estas advertencias podría provocar la muerte o lesiones graves.

- Este sistema de radio no debe utilizarse en áreas donde exista riesgo de explosión.
- Solo se debe permitir el acceso al transmisor y operar el equipo a personal calificado.
- Siga siempre la información de funcionamiento, así como todos los procedimientos y requisitos de seguridad aplicables.
- Debe cumplir con los requisitos de edad en su país para operar el equipo.
- Almacenar en un lugar seguro.
- Mantenga una vista clara del área de trabajo en todo momento antes de usar, verifique que sea seguro hacerlo

Antes de la intervención de mantenimiento en cualquier equipo controlado a distancia

- No abra la caja del receptor a menos que esté calificado.
- Desconecte toda la energía eléctrica del equipo.
- Compruebe la carcasa y el cable en busca de daños con regularidad, no los utilice si hay evidencia de daños

Seguridad ELECTRICA

AISLE el suministro eléctrico de la red antes de quitar la tapa y observe cualquier información de seguridad relevante.

- El mantenimiento del producto que implica la extracción de la cubierta solo debe ser realizado por una persona competente o un electricista calificado.
- Asegurar una protección adecuada en el circuito de carga.
- Consulte la hoja de datos del producto para conocer la carga operativa MÁXIMA.
- El producto debe instalarse de acuerdo con las normativas eléctricas locales del país.
- Se debe utilizar un suministro de limitación de corriente de acuerdo con la hoja de datos

EZTEXT-DIN

Informazioni sulla sicurezza

Leggere attentamente le seguenti informazioni sulla sicurezza prima di procedere con l'installazione, il funzionamento o la manutenzione del prodotto RF Solutions. La mancata osservanza di queste avvertenze può provocare morte o lesioni gravi

- Questo sistema radio non deve essere utilizzato in aree a rischio di esplosione.
- L'accesso al trasmettitore e l'utilizzo dell'apparecchiatura deve essere consentito solo a personale qualificato.
- Seguire sempre le informazioni operative, nonché tutte le procedure e i requisiti di sicurezza applicabili.
- È necessario soddisfare i requisiti di età nel proprio paese per l'utilizzo dell'apparecchiatura.
- Conservare in un luogo sicuro.
- Mantenere sempre una visione chiara dell'area di lavoro prima dell'uso, controllare che sia sicuro farlo

Prima dell'intervento di manutenzione su qualsiasi apparecchiatura telecomandata

- Non aprire l'involucro del ricevitore se non si è qualificati.
- Scollegare tutta l'alimentazione elettrica dall'apparecchiatura.
- Controllare regolarmente la custodia e il cavo per verificare che non siano danneggiati, non utilizzare se vi sono segni di danneggiamento
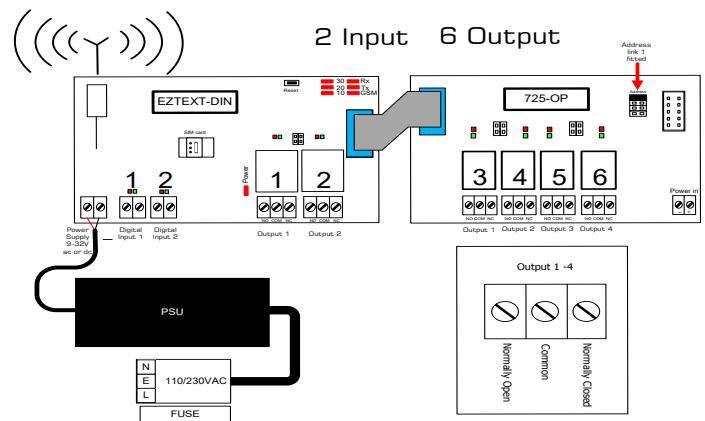
Sicurezza elettrica

ISOLARE l'alimentazione di rete prima di rimuovere il coperchio e osservare tutte le informazioni di sicurezza pertinenti.

- La manutenzione del prodotto che comporta la rimozione del coperchio deve essere eseguita solo da una persona competente o da un elettricista qualificato.

- Garantire un'adeguata protezione sul circuito di carico

- Fare riferimento alla scheda tecnica del prodotto per il carico operativo MAX.

- Il prodotto deve essere installato in conformità con le normative elettriche locali del paese.

- È necessario utilizzare un'alimentazione con limitazione di corrente in conformità con la scheda tecnica

PRO-EZTEXT-26

Ready to Go System 2 I/P,'s 6 O/P's

Features

- 110-230Vac Power Supply Fused 5A

- 2 No Volt Switch inputs

- 6 Outputs Relay Changeover Contacts 240Vac 5A

- Enclosure IP56

- No PC required.

- SIM Card Bundled

- Dims 315 x 235 x 130mm

Description

Supplied as a self contained two way Remote Control System which provides two 'no volt' switch detect inputs and 6 changeover relay contacts as outputs.
The system comes supplied in an IP56 Enclosure with integral 12V power supply.
Containing industrial standard 'DIN Rail' modules.

EZTEXT-DIN

Additional Input and Output Modules

The Add-on Modules simply plug into the EZTEXT-DIN Ribbon Connector socket. Once connected the EZTEXT automatically recognizes them and the additional inputs and outputs become available to use.

4 x Inputs Module

- 4 x Additional No-Volt Inputs
- Plug 'n' Play using ribbon cable supplied
- Up to 4 additional Input Modules can be Daisy Chained to provide 16 additional Inputs
- Inputs are opto-isolated

Part Number	Description
725-IP	4 input Add-on Module

4 x Relay Output Module

- 4 x Relay Changeover Contacts
- Connecting ribbon cable supplied
- Up to four Output Modules can be Daisy Chained to provide an additional 16 Outputs.
- Up to 4 x 725-OP can be Daisy Chained to provide 18 outputs.
- Provides a simple extension to the number of Inputs

Part Number	Description
725-OP	4 Output Add-on Module

Temperature Measurement Probe Cable

Using the cable adaptor CBA-EZTEMP provides a 1metre plug in cable with temperature probe.

This enables the EZTEXT temperature monitor temperature and automatically send notification of high and low user selectable trigger level.
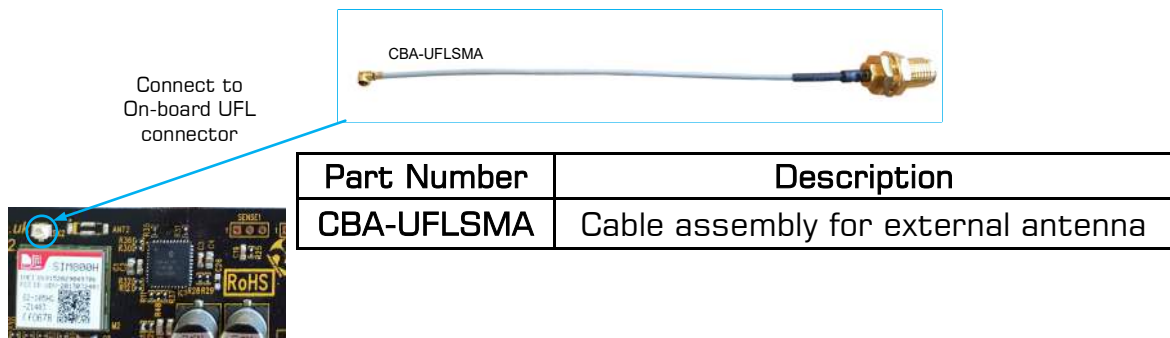
Part Number	Description
CBA-EZTEMP2	Temperature sensor cable

EZTEXT-DIN

Optional External Antenna

Using an external antenna can provide a better signal reception than the on-board antenna. Using Cable adaptor CBA-UFLSMA provides a panel mounted SMA connector for external antenna connection.

To connect, carefully unplug the existing antenna UFL and push on the CBA-UFLSMA UFL connector.

CBA-UFLSMA

Connect to On-board UFL connector

Part Number	Description
CBA-UFLSMA	Cable assembly for external antenna

ANT-GSM5WM

A compact PCB Antenna for GSM Cellular applications where high performance is required from a small size. Using the ANT-GSMQB will give optimum range and reliability to your application.

Part Number	Description
ANT-GSM5WM	+5dBm Gain antenna with wall mount

ANT-GSMPUKS-IP67

A compact Antenna for GSM applications where high performance is required from a small size. The antenna includes a Low Noise Amplifier and is housed in a rugged low profile UV resistant case, this antenna is compact and resistant to Vandalism.

Part Number	Description
ANT-GSMPUK-SMA	+3dBm Gain antenna Rugged PUCK

Alternative Antenna

We offer an extensive range of GSM antenna in many shapes and sizes please see our Website or contact our Sales Dept with your requirements and we will try to help.

EZTEXT-DIN

Using EZTEMPR2 Thermocouple

Attach the Thermocouple cable to the Connector marked "SENSE"

This is now ready to use:

Notes:

1. Temperatures are measured to 1 Decimal point

2. Temperature Triggers can be set to whole number values only

3. A hysteresis of $-2^{\circ}C$ is built into the EZTEXT

Example 1

SET TEMP MAX is set to $+30^{\circ}C$

As the actual temperature measured increases, EZTEXT will trigger 'over Temperature' at $30.1^{\circ}C$

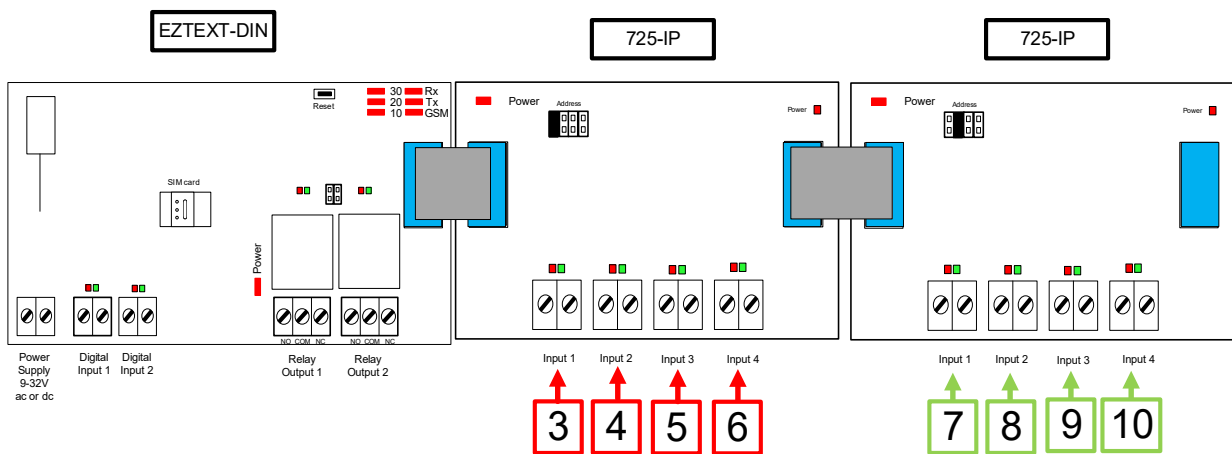As the actual temperature measured decreases EZTEXT will trigger at $27.9^{\circ}C$

Example 2

SET TEMP MIN is set to $+10^{\circ}C$

As the actual temperature measured decreases, EZTEXT will trigger 'under Temperature' at $9.9^{\circ}C$

As the actual temperature measured increases EZTEXT will trigger 'Good' at $12.1^{\circ}C$

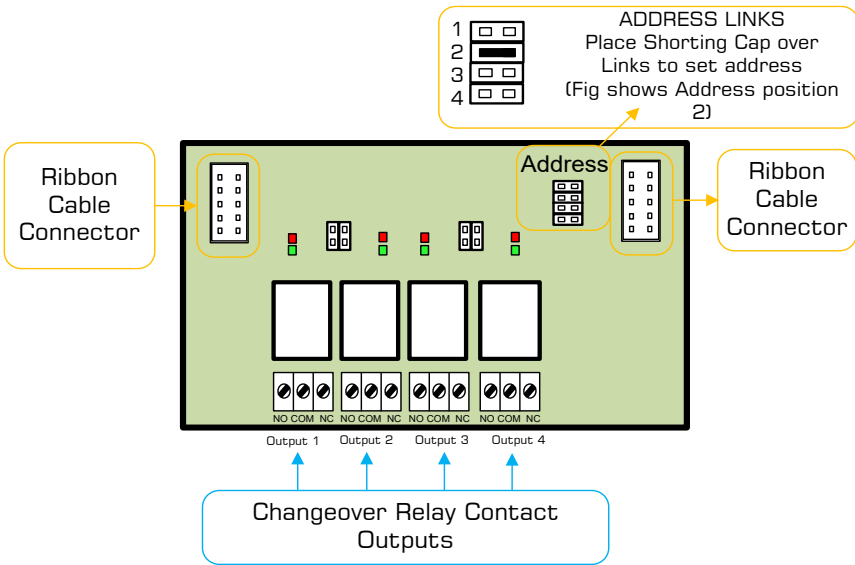## Using Additional Input / Output Modules

Input and Output modules can be added in any order by connecting with the Ribbon cables supplied.

On initial Powerup EZTEXT automatically interrogates and configures additional modules. (all LEDS Flash). After approx. 60seconds the LEDs stop flashing to indicate the module is ready to use

Notes:

1. Any combinations of 725-IP and 725-OP modules can be added, the Maximum is four, 725-IP Modules and four 725-OP modules in the 'Daisy Chan' link (8 modules in total)

2. When using 725-IP / OP modules there are some limitations (compared with the two input and outputs on the ETEXT-DIN)

EZTEXT-DIN

725-OP Additional 4 Outputs Module

ADDRESS LINKS
Place Shorting Cap over
Links to set address
(Fig shows Address position 2)

1
2
3
4

Ribbon Cable Connector

Address

Ribbon Cable Connector

NO COM NC   NO COM NC   NO COM NC   NO COM NC
Output 1   Output 2   Output 3   Output 4
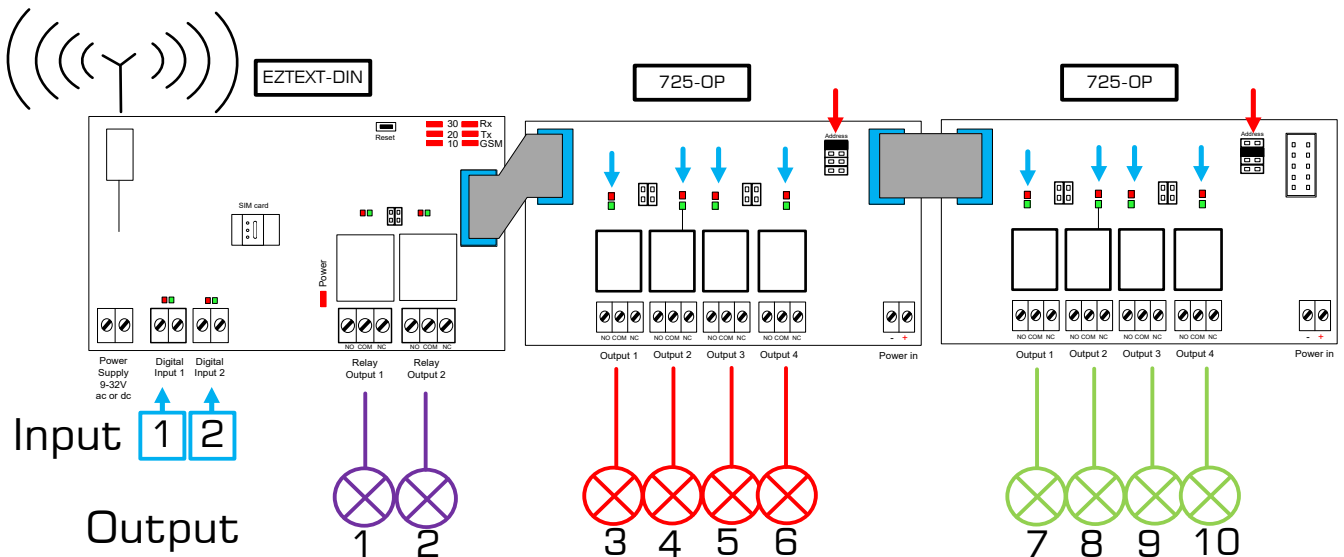
Changeover Relay Contact Outputs

- Each 725-OP module must have a different address Link setting to other 725-OP modules

(For the application shown address Link 2 is fitted this sets the outputs to be numbers 7-10)

- Each Relay Changeover contacts Output can only be switched "On" or "Off".

- Functions such as time delays cannot be used.

- A single telephone OPNUM number applies per output

Example: the number allocated to an output board that you would use to send a text message to activate an output.

EZTEXT-DIN

Reset

30 Rx
20 Tx
10 GSM

SIM card

Power

Power Supply 9-32V ac or dc

Digital Input 1

Digital Input 2

NO COM NC   NO COM NC
Relay Output 1   Relay Output 2

Input 1 2

Output 1 2

725-OP

Address

NO COM NC   NO COM NC   NO COM NC   NO COM NC
Output 1   Output 2   Output 3   Output 4

- +
Power in

3 4 5 6

725-OP

Address

NO COM NC   NO COM NC   NO COM NC   NO COM NC
Output 1   Output 2   Output 3   Output 4

- +
Power in

7 8 9 10

EZTEXT-DIN

Insert SIM Card

Please note:

- Insert NANO SIM Card before applying power (standard 3 Volt SIM only).

- **The message memory of the SIM card should be clear before it is fitted.**

- **Ensure that the SIM card has not been PIN code protected!**

- Beware of Pay-as-you-go SIM which require regular top-up to remain active.

- It is recommended to bar Incoming voice calls to the SIM card to avoid error messages being sent back to the user. This can be achieved with the service provider.

The SIM card should be inserted into EZTEXT-DIN before applying power

- **RF Solutions recommends O2 and Vodaphone SIM card and has carried out extensive testing using the SIM cards we have for these two networks.**
- **No guarantee can be given for the operation of this product with any network except those that have been tested by RF Solutions.**
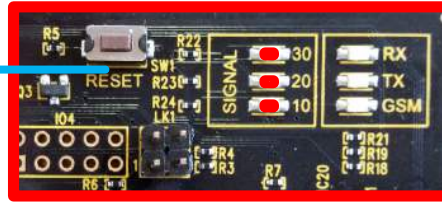
Connect Inputs/Outputs and Power Connections

The EZTEXT-DIN unit can be powered from 12 to 24Vdc

Module	ADDRESS LINK	OUTPUT NUMBERS	IPNUM
EZTEXT-DIN INPUT1/Output 1	N/A	1	1
EZTEXT-DIN INPUT2/Output 2	N/A	2	1
725-IP/OP Module	Link 1	3-6	2
725-IP/OP Module	Link 2	7-10	3
725-IP/OP Module	Link 3	11-14	4
725-IP/OP Module	Link 4	15-18	5

EZTEXT-DIN

LED Indication At Start Up

Logging onto Network (traffic light sequence)						
30	🔴	⬜	⬜	🔴	⬜	⬜
20	⬜	🔴	⬜	⬜	🔴	⬜
10	⬜	⬜	🔴	⬜	⬜	🔴

Error! (All Flash ON / OFF together)						
30	🔴	⬜	🔴	⬜	🔴	⬜
20	🔴	⬜	🔴	⬜	🔴	⬜
10	🔴	⬜	🔴	⬜	🔴	⬜

Error - No GSM Service
1. Check SIM Card
2. Check Antenna Connection

LED Indication After Start Up (Normal Operation)

Signal Strength		
Good	OK	Poor
🔴 🔴	🔴 🔴	🔴

Activity LED's	
RX	Receiving an SMS
TX	Transmitting an SMS
GSM	Intermittent flash GSM healthy

EZTEXT-DIN

Error Messages & Factory Reset

There are three error messages;

NO AUTHORISATION	Means that EZTEXT did not accept the password
UNRECOGNIZED COMMAND	Password correct but the command is incorrect
UNRECOGNIZED VARIABLE	Password and command OK but the variable data is incorrect

Factory reset:
Hold down the RESET button for approx10 seconds until all LEDs flash, then release. This will reset EZTEXT to factory default settings and restart.

User Set-Up Commands

Title	Command	Description	Example
Password	UPW	**UPW#UNITPW** User must send UPW command within 5 mins after power applied. Setting the UPW is carried out by sending this text message to the unit. The User Password (4 – 8 Characters) **is case sensitive** and can consist of any letters or numbers. If for any reason the unit password is lost, remove all power for 1 minute, and then start again.	UPW#1234 (sets password to 1234) Response: UPW OK
Unit identity	UID	**UNITPW#UID#UNITID** This sets the 'identity' of the EZTEXT unit, and will be included in any response text from EZTEXT. The UNITID can be 4 to 10 characters with no spaces.	1234#UID#DoorAlarm Response: Door Alarm UID OK
Response	RESPONSE RESPONSE?	**UNITPW#RESPONSE#x** Setup a Reply Text EZTEXT after receiving a command x=ON or OFF **UNITPW#RESPONSE?** Requests the status of the current RESPONSE setting NOTE: messages which specifically demand a response such as requests for input status will always be responded to as will the UPW, UID etc. Default setting is for response to be turned off.	1234#RESPONSE#ON Turns on Response messages 1234#RESPONSE? Replies with the EZTEXT setting to responses

EZTEXT-DIN

INPUT Commands

Title	Command	Description	Example
Set an input name	IPNAME IPNAME?	When the input changes this is the name that the EZTEXT will transmit in its text message **UNITPW#IPNAMEn#<name>** This designates a <name> to an EZTEXT input (max15 characters) with no spaces. n=1 - 2 for inputs1 to 2 **UNITPW#IPNAME?** Requests the name given to all inputs Please note that only the 2 inputs on the main EZTEXT-DIN module can be given a name.	1234#IPNAME1,Gate Sets input 1 to be known as 'Gate' 1234#IPNAME? Requests the current name of input1
Input number to text	IPNUM IPNUM?n IPNUMDEL	Sets the destination phone number(s) (max 5 per input) when an EZTEXT input is activated. UNITPW#IPNUMn,<num to text> n=1 - 2 for inputs1 to 2 UNITPW#IPNUM?n Requests all Stored cell Nos for that input UNITPW#IPNUMDELn n=1 - 2 for inputs1 to 2 Deletes all stored cell Nos for that input number	1234#IPNUM1,00441234567891 Sets tel No to input 1 1234#IPNUM?1 Requests all stored telephone numbers for input 1 1234#IPNUMDEL2 Deletes **ALL** stored numbers for input 2
Set number of input activations before SMS sent	IPCNT IPCNTVAL?	Sets the number of times an input must be activated before an SMS is sent **<UNITPW#IPCNTn,x** n= input number (1 or 2) x= Counter (0 to 65500) **UNITPW#IPCNTVAL?** Requests the actual current value of the counter	1234#IPCNT1,10 A text will be sent after input 1 has been activated 10 times 1234#IPCNTVAL? Responds with ; INTPUT1= 10/4 intput1 has been activated 4 times, 6 more activations required before text is sent
Delay SMS on input activation	IPDLY IPDLY?	Sets a timer (Max 65500 secs). When the EZTEXT input is activated the timer starts to countdown in seconds. When the counter reaches zero, providing the input is still activated a text message will be sent. **UNITPW#IPDLYn,xx** n=1 - 2 for inputs1 to 2 'xx' can be a number from 0 to 65500 **UNITPW#IPDLY?** Requests timer values for all inputs	1234#IPDLY1,60 Input 1 has a 60sec delay before text is sent 1234#IPDLY? Responds with ; INTPUT1= 60/34 (output1 has been active for 34 out of a total 60sec preset time. 34secs more is required before text sent)

EZTEXT-DIN

Output Commands

Title	Command	Description	Example
Activate an output	OUT	**Turns an output ON or OFF** **UNITPW#OUTn,x** n=Relay number = 1 to 18 x=Relay Status = ON, OFF	1234#OUT1,ON Turns Output1 ON
Set an output name	OPNAME OPNAME?	This designates a name to an EZTEXT output **UNITPW#OPNAMEn,name** n=Output no name= name can be up to 15 characters. **UNITPW#OPNAME?** Requests the name of the Outputs Please note that only the 2 outputs on the main EZTEXT-DIN module can be given a name.	1234#OPNAME1,AIRCON sets output 1 name to be 'AIRCON' 1234#OPNAME? Requests names of all the outputs
Set output on time	OPDLY OPDLY?	Sets output operation time. The output can be set from 1 to 65500 seconds, or If is set to '0', then the output will latch on **UNITPW#OPDLYn,t** n=Output number t=Delay time (seconds) **UNITPW#OPDLY?** **Requests the current 'on' time setting for an output EZTEXT replies with the preset time delay output and the actual time that the output has been activated for**	1234#OPDLY1,500 Sets output1 to operate for 500 sec's 1234#OPDLY? Responds with ; OUTPUT1= 500/34 (output1 has been active for 34 out of a total 500sec preset time)

Power Fail Commands

Title	Command	Description	Example
Number to text on power Restored	PFNUM PFNUM? PFNUMDEL	Texts will be sent to cell phone numbers stored in PFNUM on reboot after a power failure or reset (when power is reapplied). Note: this feature is enabled or disabled by simply having cell phone numbers in PFNUM. **UNITPW#PFNUM#<numbertotext>** Sets the number to text on power restored (Max 5 separate numbers) **UNITPW#PFNUM?** Requests the current numbers that are stored **UNITPW#PFNUMDEL** PFNUMDEL Deletes all stored Power Failed cell Nos	1234#PFNUM#0044127 3898000 1234 #PFNUM? Response: Returns current settings 1234 #PFNUMDEL Deletes all stored cell Nos against this Example of text: Building2 Reboot power had failed

Temperature Commands

Command	Description	Description	Example
Request current temperature	TEMP?	UNITPW#TEMP? requests the current temperature.	1234# TEMP?
Set SMS numbers to text on trigger	TEMPNUM TEMPNUM? TEMPNUM-DEL	UNITPW#TEMPNUM#<numbertotext> Sets the cell phone nos (max of 5) linked with the temperature monitoring. TEMPNUM? Requests all linked cell phone nos TEMPNUMDEL Deletes all linked cell phone nos	1234#TEMPNUM#00441234567891 Sets the number 01234 567891 1234#TEMPNUM? Requests all cell phone numbers which will be notified on temp triggers 1234#TEMPNUMDEL Deletes all the telephone numbers associated with Temperature monitoring
Set maximum trigger temperature	SETTEMPMAX	UNITPW#SETTEMPMAX#n Sets the maximum temperature trigger level in degrees Celsius.	1234#SETTEMPMAX#30 Sets the upper trigger level to 30°C
Set maximum trigger temperature	SETTEMPMIN	UNITPW#SETTEMPMIN#n Sets the minimum temperature trigger level.	1234#SETTEMPMIN#20 Sets the lower trigger level to 20°C

13. System Commands

Title	Command	Description	Example
Report GSM signal strength	SIGQ	UNITPW#SIGQ Reports EZTEXT GSM signal strength as; 'POOR' (consider alternative antenna) 'OK', or 'Good'.	1234#SIGQ Response: Signal is good
Retrieve status of inputs and outputs	STATUS	UNITPW#STATUS requests the current status of all inputs and outputs	1234#STATUS Response: Returns current settings

EZTEXT-DIN

Technical Specifications

Storage Temperature: -10 to +70°C.
Operating Temperature: 0 to +55°C.
EZTEXT Dimensions: 136 x 78 x 42 mm

Electrical Characteristics*	Min	Typical	Max	Dimension	Notes
Supply Voltage	12		24	V	
Supply Current for EZTEXT: Idle Operating	24 200	35 250	45 2A	mA mA	1 2
Closed Contact Input Time	100			mSecs	
Temperature Cable	-55		110	ºC	3
Mains rated Relay Rating (230Vac)		5	12	A	4

*Notes

Figures refer to maximum supply current required with all components idle.

Figures refer to peak supply current required with all components operating.

In practice internal reservoir capacitance limits the instantaneous peak current to less than 500 mA.

Temperature accuracy

+/- 0.5 degrees between –10 to +80-degree Centigrade

+/- 2.0 degrees between –55 to +110-degree Centigrade

The relay contacts in this unit are for functional switching only and must not be used for isolation purposes.

EZTEXT-DIN

Simplified Declaration of Conformity (RED)

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