

HS-3 Introduction

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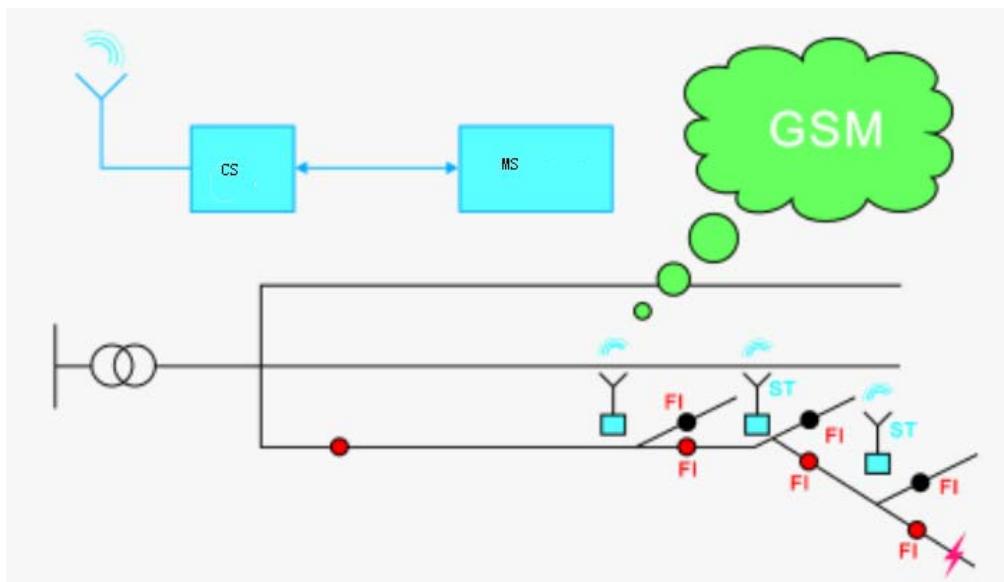
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1 General Information

The HS-3 series communication terminal adopts the wireless communication mode, can be convenient to operation the indicator, communication terminal, controller , etc., which has a wireless interface. It features beautiful profile ,compact construction, simple operation. It can meet all current demands and is equipped to meet those in the future.

2 Principle

The fault indicator detects and identifies fault current with induced coil and logical identification circuit. Once the indicator is triggered it will begin to flash which indicates the location of the fault, at the same time, it will transmit the fault information to the Sub-transmitter which is installed nearby. The Sub-transmitter is about 30 meter far from the fault indicator. The HS-3 handheld machine is used for the parameter configuration of the above equipments.



FI: Fault Indicator

ST: Sub-transmitter

CS: Center Station

MS: Monitor Control Station

HS: Handheld configuration terminal

3 Operation

3.1 Open the power switch of the terminal, then select the "application"- "RF002.

DXE", or other corresponding software program, this manual is based on "RF002. DXE".

3.2 Press confirm button to enter the main interface, press the up and down key to select functions; Press the left and right key can flip directly; Press numeric keys 0 to 9 can select the previous first 10 functions directly.

3.3 Software operation process

- 1) Select the "Search Device"
- 2) Set parameters
- 3) Wait for the search operation is completed
- 4) Select a device, and then back to the main interface to select the corresponding operation
- 5) Related operations
- 6) Wait for the response and see

3.4 Need to set the parameters first, before the "Search Device" operation.

- 1) The setting of the call time (seconds) :

Indicator set 150, sub station FLS - ST/A1 set 5, sub station RF001 - D1 set 2;

2) Wait time (seconds): After the completion of the search when don't do anything to keep the state of the wireless communication time, usually 45 s;

3) Calling distance (m): setting the distance between the equipment and peripheral equipment;

4) Call channel: frequency range is 1 ~ 14; (indicator, its own frequency + 1);

5) Communication channel: frequency range of 1 ~ 15;

6) Supplement: if use magnet trigger, call time is 0, any call channel, the communication channel is 15;

3.5 Every terminal have a complete assembly, test and inspection, and carefully check and adjustment, insuring the are in good condition for shipping , before they leave the factory. After receiving the products, please check carefully. If you have questions, please submit written reports to the carrier immediately.

3.6 Products should be carefully handled when loading and unloading, avoid collision and impact. Product transportation should be paid attention to waterproof, forbidden in the same car trunk transport corrosive goods and packaging. If the equipment before installation to deposit a long time, should be put in clean, well ventilated place, and shall not contain corrosive gases in the air.

4 Features

- 4.1 RF433 wireless communication function
- 4.2 Wireless setting function, in view of the different devices have different functions.
- 4.3 Record function, can record setting parameters with .TXT, etc.

5 Parameters

The ARM processor	ARM, 64M Flash, 512K SDRAM
The operating system	TPOS
Display	160*208
Keyboard	26keys
Message	LED、buzzer
Backlit	LEDbacklight
Interface	RS232、USB
Battery	2100mAh
Size	194*72*42 mm
Weight	342g
Working temperature	-20—55°C
Storage temperature	-40—70°C
Humidity	5%—100%
Seal	IP65
Electrostatic discharge (ESD)	+ / - 15 kv air discharge + / - 8 kv direct discharge + / - 8 kv indirect discharge

FCC Information and Copyright

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules.

These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates,

uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference

to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does

cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is

encouraged to try to correct the interference by one or more of the following measures:

—Reorient or relocate the receiving antenna.

—Increase the separation between the equipment and receiver.

—Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

—Consult the dealer or an experienced radio/TV technician for help.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and

(2) this device must accept any interference received, including interference that may cause undesired operation.

changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: The manufacturer is not responsible for any radio or tv interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.