175.0 mm

157.0 mm

Fuse Holder

L
E
N

220 - 240 V AC

Transformer

Must fit jumper on Grade 3. Not fitted on Grade 2.

LED 1 - Wireless Status (Flashing - OK)
LED 2 - Battery Status (OFF - OK)
LED 3 - Mains Supply (OFF - OK)
LED 4 - X-BUS Status (Normally ON)
LED 5 - System Fault (OFF - OK)
LED 6 - Writing to Flash (Normally OFF)
LED 7 - System Heartbeat (Flashing - OK)

System Reboot
To reset the system, press once. To return configuration settings to default, hold down button for 5 seconds and select option from keypad.

RF Module

1 2 3 4 5 6 7

Primary PSTN / GSM Modem

Back-up PSTN / GSM Modem

Uses Serial Port 2

T7 AH

Battery lead terminations

+ -

Power In

Optional Link to Earth

10 MB Ethernet Port

Fast Programmer Interface - Connect to fast programmer device

USB Port: Connect PC

Serial Port 2 (RS-232): Supports PC/ Terminal external modems.

Serial Port 1 (RS-232)

Serial Port 1

**Serial Port 2

USB

*Ethernet Port

***Real Time Clock Battery (RTC)

Front Tamper Switch

Ethernet Status LEDs

0 V
12 V
SH
2 B
2 A
1 B
1 A

Auxiliary Power

**** X-BUS Connection terminals

SPC5000/6000 only

To Next Expander

2A 2B 1A 1B SH

X-BUS

Darlington outputs are active low (300 mA max.)

12 V
OP 6
OP 5
OP 4

Darlington Outputs 4,5 & 6

(Normally Closed) NC
(Common) COM
(Normally Open) NO
(Bell Hold Off) BHO
(Tamper Return) TR
Internal Sounder INT -
INT+
EXT -
EXT+

0V 12V

External SAB Bell

+ Strobe
-
Hold Off
Tamper Return
Bell -
Bell +

Inputs

TX RX GND T1 C T2

I1 COM I2 I3 COM I4 I5 COM I6 I7 COM I8

**Serial Port 2

Aux.Tamper Terminals T1/T2 should be linked to C if not in use

INT-
INT+

Wiring of a 12 V Internal Siren

Product	*Ethernet	**Serial 2	***RTC	****XBUS
SPC6300	✓	✓	✓	1A,B & 2A,B
SPC5300	✓	✓	✓	1A,B & 2A,B
SPC5200		✓	✓	1A,B & 2A,B
SPC4300	✓			1A,B
SPC4200				1A,B

✓= Interface fitted

Inputs can be wired as:
No End Of Line (NEOL)
Single End Of Line (SEOL)
Dual End Of Line (DEOL)
Masked PIR (MPIR)
Consult Installation& Configuration Manual for details.
DEOL is shown wired to Input 8.
Masked PIR wiring is shown wired to Input 7.

EOL
Alarm
Mask
EOL
Alarm

	Alarm	EOL	Mask
SEOL (default)	—	4K7	—
	For other values, see Installation&Configuration Manual		
DEOL (default)	4K7	4K7	—
	For other values, see Installation&Configuration Manual		
Masked PIR	1K0	1K0	2K2

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