

XXS Series & Windows Alarm
Annunciator
Operating Instruction

★ XXS Series & Windows Alarm Annunciator Ordering Number

Ordering number			Explain
X X S			Series & Windows Alarm Annunciator
Series	0 1		Power supply : AC220V±10%,relay contactor output can connect with electricity bell or buzzer from link-port
	0 2		Have XXS01 all features, with inner buzzer
	0 3		Power supply : DC 24V±10%, relay contactor output can connect with electricity bell or buzzer from link-port
	0 4		Have XXS03 all features, with inner buzzer
Connection port style			without affirm(“ 确 认 ”) 、 test(“ 试 验 ”)connection port
		A	with affirm(“ 确 认 ”) 、 test(“ 试 验 ”)connection port
Memory function style			Without recollection function
		B	With recollection function
Communication port			Without communication port
		C	With RS485 isolated port

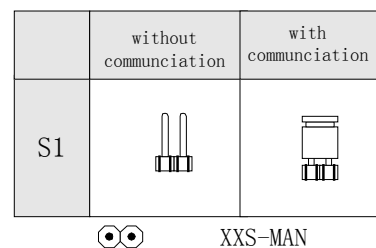
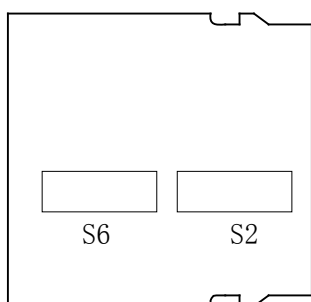
★Working state

Type and function	Outer signal state	Alarm lamp state	Sound state	Remark
Without communication without recollection (XXS00A)	Up to snuff	Off	No alarm sound	
	Have input or press ”实验” button	Flash	Alarm sound	
	Press ”确认” button	Constant bright	No alarm sound	
	Get right	Off	No alarm sound	
Without communication with recollection (XXS00AB)	Up to snuff	Off	No alarm sound	
	Have input or press ”实验” button	Flash	Alarm sound	
	Press ”确认” button	Constant bright	No alarm sound	
	Get right	Constant bright	No alarm sound	
	Press”清除”button	Off	No alarm sound	
Communica-tion state	Result of communciation		Explanation about alarm lamp	
Read DC1	Send: 00301 →Receive: 00301 44 0055 00645 ↑ ↗ ↑ 003 is the communication address of the instrument 055 is the state of alarm lamp		055(decimalist) = 00110111B(binary): the first、second、third、 fifth and sixth loop alarm lamp are on	

Write DC3 (communication parameter number 29:DOout put)	Send: 00301 29 00055 00645 → Receive: ACK ✓ ↑ ① ↑ ② ↑ ③ ↑ ④ ① communication address ② parameter number ③ alarm parameter ④ receive correct	Computer send alarm parameter 055, the first、 second、third、fifth and sixth loop alarm lamp are on.
Style with communciation	State explaining	
With recollection (XXS00AC)	When computer sends 0 or press "确认" button, formly lamp which giving an alarm is on still, buzzer does not ring	
	When computer sends 001 ~ 255, the alarm lamp of the correspondence is flashing, buzzer is ringing.	
	When press "清除" button, the alarm lamp is off, buzzer is off.	
Without recollection (XXS00ABC)	When computer send 0, the alarm lamp is off, buzzer is off.	
	When computer send 001 ~ 255, the alarm lamp of the correspondence is flashing, buzzer is ringing.	
	When press "确认" button, the alarm lamp is on always, buzzer is off.	

★PCB jumper setting

※ With communciation, please operate as the right drawing



※ Switch S6 decides the state of the input signal. If the input contact is disconnection, move the switch to ON.

8 7 6 5 4 3 2 1 ← position



S6 Remark: switch ON: contact is disconnection.

※ Switch S2 decides the instrument communication address.

※ Communication baud rate: 9600 bps

※ Switch S2 explain in detail:

8 7 6 5 4 3 2 1 ← position

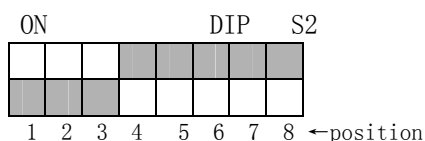


S2 Remark: switch ON is "0", OFF is "1".

Example:

8 7 6 5 4 3 2 1	The address of the instrument in the computer
0 0 0 0 0 0 0 1	1
0 0 0 0 0 0 1 0	2
0 0 0 0 0 0 1 1	3
⋮	⋮
0 0 0 0 1 0 0 0	8
⋮	⋮
1 1 1 1 1 1 1 0	254
1 1 1 1 1 1 1 1	255

Computer sends communication parameter (DC1)	The loop corresponding alarm
1	1
2	2
3	1、2
⋮	⋮
8	4
⋮	⋮
254	2 至 8
255	1 至 8



- ※ Example explanation 一: the instrument address switch S2(showed as up drawing), its value is 00000111, its corresponding address is 7.
- ※ Example explanation 二: when the instrument is communicating, please select parament number “29: D0 输出(output)”, if computer(DC3) sends parament value 8, loop 4 gives an alarm;if send parament 254,loops from 2 to 8 give alarms; if send parament 255,all loops give alarms(all alarm lamps are flashing).
- ※ Example explanation 三: when the instrument is communicating,the computer read the alaming instantaneous state(DC1),if now the instrument’s loop 1 and loop 2 are giving alarms,the value which computer read DC1 is 3;if all loops all alarm ,the value is 255.

★ XXS series wire drawing

