

故障现象：现场是冗余 I/O，但是模块报冗余报错，且报辅助电源丢失。

解决方案：

The image shows a screenshot of the SIMATIC Manager software interface. The main window displays a rack configuration for a SIMATIC 300 station. The rack contains several modules, including two IM155-6-PN-HA-V1.2 modules in slots 0 and 7, and a DI16 x 24VDC HA module in slot 5. The DI16 module is highlighted in red. A dialog box titled '属性 - DI16 x 24VDC HA - (R-/S4)' is open, showing the 'Parameters' tab. The 'Diagnostics Missing supply voltage L+' parameter is checked. The 'Potential group' parameter is set to 'Potential group of the left mo...'. Red annotations and boxes highlight the right-side modules in the rack and the 'Potential group' parameter in the dialog box.

Slot	Module	Order no.
0	IM155-6-PN-HA-V1.2	6DL1 132-6BH00-0PH1
X1	PN-IO	
X1 P1 R	Port 1 RJ45	6DL1 132-6BH00-0PH1
X1 P2 R	Port 2 RJ45	6DL1 132-6BH00-0PH1
7	IM155-6-PN-HA-Red	6DL1 132-6BH00-0PH1
X1 P1 R	Port 1 RJ45	6DL1 132-6BH00-0PH1
X1 P2 R	Port 2 RJ45	6DL1 132-6BH00-0PH1
2	DI32 x 24V DC HA	6DL1 132-6BH00-0PH1
3	DI32 x 24V DC HA	6DL1 131-6BH00-0PH1
4	DI16 x 24VDC HA	6DL1 131-6BH00-0PH1
5	DI16 x 24VDC HA	6DL1 131-6BH00-0PH1
6	DQ16 x 24VDC/0.5A HA	6DL1 132-6BH00-0PH1
7	DQ16 x 24VDC/0.5A HA	6DL1 132-6BH00-0PH1
8	DQ16 x 24VDC/0.5A HA	6DL1 132-6BH00-0PH1
9	DQ16 x 24VDC/0.5A HA	6DL1 132-6BH00-0PH1
10	DQ16 x 24VDC/0.5A HA	6DL1 132-6BH00-0PH1
11	DQ16 x 24VDC/0.5A HA	6DL1 132-6BH00-0PH1
12	AQ8 x I HART HA	6DL1 132-6BH00-0PH1
12.0	HART Field Device	
12.1	HART Field Device	
12.2	HART Field Device	
12.3	HART Field Device	
12.4	HART Field Device	
12.5	HART Field Device	
12.6	HART Field Device	
12.7	HART Field Device	
13	AQ8 x I HART HA	6DL1 132-6BH00-0PH1
13.0	HART Field Device	
13.1	HART Field Device	
13.2	HART Field Device	
13.3	HART Field Device	
13.4	HART Field Device	
13.5	HART Field Device	
13.6	HART Field Device	
13.7	HART Field Device	
14	AQ8 x I HART HA	6DL1 132-6BH00-0PH1
14.0	HART Field Device	
14.1	HART Field Device	
14.2	HART Field Device	
14.3	HART Field Device	
14.4	HART Field Device	
14.5	HART Field Device	
14.6	HART Field Device	
14.7	HART Field Device	
15	AQ8 x I HART HA	6DL1 132-6BH00-0PH1

属性 - DI16 x 24VDC HA - (R-/S4)

参数

- Parameters
 - Diagnostics Missing supply voltage L+
 - Cross-channel
 - Channel 0
 - Channel 1
 - Channel 2
 - Channel 3
 - Channel 4
 - Channel 5
 - Channel 6
 - Channel 7
 - Channel 8
 - Channel 9
 - Channel 10
 - Channel 11
 - Channel 12
 - Channel 13
 - Channel 14
 - Channel 15
 - Double-width terminal block
 - Potential group
 - Potential group
 - Potential group of the left mo...

一对冗余I/O的右侧卡件
这里边没有供电。
改成从左侧来供电