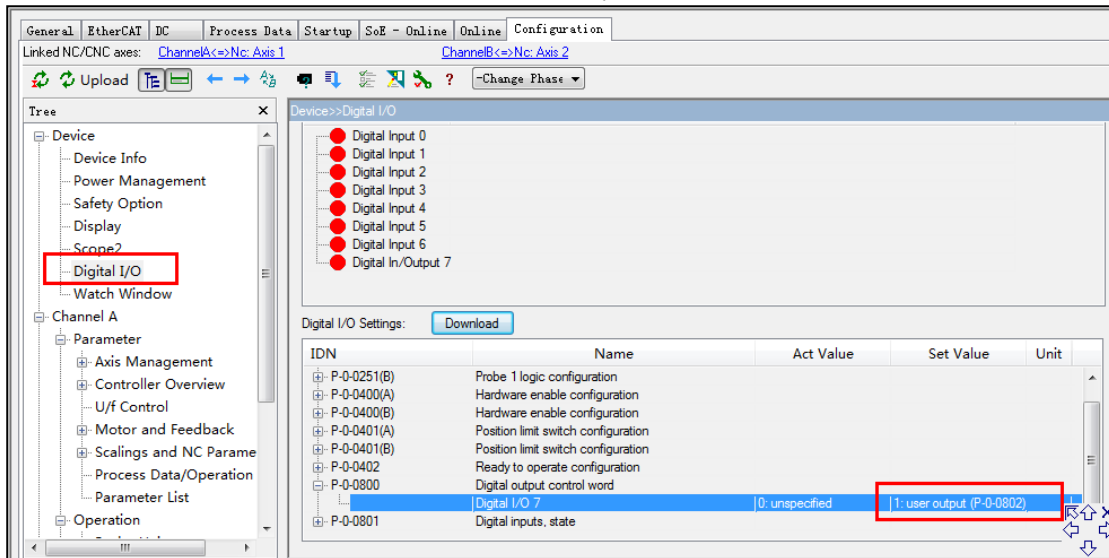


使用 AX5000 Digital I/O 输出功能

1、扫描到驱动器后，在 P-0-0800 中设为 1: user output。



同时在 StartUP 中确认有 P-0-0800。

The screenshot shows the 'StartUP' configuration window. It displays a table of parameters with columns for 'Transi...', 'Protocol', 'Index', 'Data', and 'Comment'. The row for 'P-0-0800' is highlighted with a red box in the original image.

Transi...	Protocol	Index	Data	Comment
<PS>	SoE	S-0-0015 (A)	0x0007 (7)	Telegram type
<PS>	SoE	S-0-0016 (A)	02 00 02 00 33 00	AT list
<PS>	SoE	S-0-0015 (B)	0x0007 (7)	Telegram type
<PS>	SoE	S-0-0016 (B)	02 00 02 00 33 00	AT list
<PS>	SoE	S-0-0024 (A)	02 00 02 00 24 00	MDT list
<PS>	SoE	S-0-0024 (B)	02 00 02 00 24 00	MDT list
PS	SoE	S-0-0001 (A)	0x07D0 (2000)	Tncyc - NC cycle time
PS	SoE	S-0-0002 (A)	0x07D0 (2000)	Tscyc - Comm cycle time
PS	SoE	S-0-0032 (A)	0x0002 (2)	Operation mode
PS	SoE	S-0-0032 (B)	0x0002 (2)	Operation mode
PS	SoE	P-0-0800 (A)	0x0080 (128)	Digital output control word

2、在驱动器的 Process Data 的 MDT1 中添加 Digital Outputs

The screenshot shows the 'Process Data' configuration window for Drive 1 (AX5203-0000-001). The 'PDO List' table is as follows:

SM	Size	Type	Flags	Index	Size	Name	Flags	SM	SU
0	128	MbxOut		S-0-0...	8.0	AT 1	M	3	0
1	128	MbxIn		S-0-0...	6.0	AT 2	M	3	0
2	12	Out...		S-0-0...	6.0	MDT 1	M	2	0
3	14	Inputs		S-0-0...	6.0	MDT 2	M	2	0

The 'PDO Content (S-0-0024)' table is also visible:

Index	Size	Offs	Name	Type	Default
S-0-0134	2.0	0.0	Master control word	UINT	
S-0-0036	4.0	2.0	Velocity command value	DINT	
		6.0			

The 'Edit Pdo Entry' dialog box is shown with the 'From Dictionary' list expanded. The selected entry is:

- P-0-0802 - Digital outputs

The 'Name' field is empty, and the 'Index (hex)' field is set to 0. The 'Data Type' is set to '(none)' and 'Bit Length' is 1.

BECKHOFF

- 3、添加完成之后，MDT1 中会出现 Digital Outputs 变量，将其与 PLC 中建立一个 16 位的 int 变量，进行链接，激活配置后，PLC 程序运行，将这个变量设为 128（第 8 位为 1），便可输出。

