Classification	DCON Utility Pro F	AQ				No.	DCON_01_005
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How to query the commands used by the module through DCON Utility Pro?

A. Query module usage commands through actual manipulating module

DCON Utility Pro provides several quick and convenient ways for developers to query the test module usage commands.

1. After searching for the module and entering the configuration form, switch to the "Commands Log" tab and let the "Log All Commands" option enable.

DCON Utility Pro PC V 4.0.0.1 Searching C	COM3	×
₹ ▶ ॥ ₽ ₽		
COM1 ⊕ COM3:*	ID Address Baud Rate Checksum Format Status Description Comments 7028 1[01h] 9600 Disabled N,8,1 Remote I/O [Modbus RTU]8*AO (V/mA) Supported	
	7028 Firmware[A202] X	
	Configuration AO Host WDT Commands Log Summary About	
	Save to path\log_report\	
Clear		
	++ 01:16 ::GE1_CH1_AO_FOK_POWEK[01 03 00 C1 00 01 D5 F6]; [01 03 02 0F A0 BD CC]; [39 ms]==>OK	

Wait for loading 7028

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2. Switch to the I/O operation sheet. For example, if you want to know the AO output and set the AO type code command, you can directly operate, and then switch to the "Commands Log" tab to see the commands sent by DCON Utility Pro during actual operation.

configuration A0 Hest W0T Commands Log Summary About CH0 (44) 0 ~ +5 V Immediate Set A0 value with Engineering format Output CH0 (44) 0 ~ +5 V Immediate Set Open 4000 4000 - 4000 - 2000 400 CH1 (13) +4 ~ +20 Immediate Set Open 4000 4000 - 4000 - 2000 400 CH2 (15) +5 V 0.0625 V/sc Set Norma 0 0 -5000 - 5000 0 Write CH3 (15) +5 V 0.0625 V/sc Set Norma 0 0 -5000 - 5000 0 Write CH3 (15) +5 V 0.0625 V/sc Set Norma 0 0 -5000 - 5000 0 Write CH2 (15) +5 V 0.0625 V/sc Set Norma 0 0 -5000 - 5000 0 Write FH 0.01 0.01 500 - 5000 0 Write Norma 0 0 -5000 - 5000 0 Write FH 0.02 FM Norma 0 <th>configuration A0 Hest WDT Commands Log Summary About CH:0 [04] 0 ~ +5 V immediate Set A0 value with Engineering format Write CH:0 [05] +/ 5 V immediate Set A000 4000 -0000.0 0 Write CH:10 [05] +/ 5 V immediate Set Norma 0 0 -5000-5000 0 Write CH:10 [05] +/ 5 V immediate Set Norma 0 0 -5000-5000 0 Write CH:10 [05] +/ 5 V immediate Set Norma 0 0 -5000-5000 0 Write CH:15 [05] +/ 5 V immediate Set Norma 0 0 -5000-5000 0 Write CH:5 [05] +/ 5 V immediate Set Norma 0 0 -5000-5000 0 Write CH:2 [05] +/ 5 V immediate Set Norma 0 0 -5000-5000 0 Write CH:2 Set Channel Type Code As CH 0 Set Set Poly</th> <th>Denfiguration AV Host WOT Commany About Type Code Seew Rate Norma O O-5000 3000 Write CH:0 [101] 44 ~ 20 ~ immediate Set Norma O O -5000 ~ 5000 O Write CH:1 [101] 44 ~ 20 ~ immediate Set Norma O O -5000 ~ 5000 O Write CH:2 [105] +/ 5 V 0.0025 V/Se Set Norma O O -5000 ~ 5000 O Write Norma O O -5000 ~ 5000 O Write Write Norma O O -5000 ~ 5000 O Write Norma O O -5000 ~ 5000 O Write Norma O O -5000 ~ 5000 O Write CH:2 [105] +/ 5 V 0.0025 V/Se Set Norma O O -5000 ~ 5000 O Write Ext Set [Power On Value] Set [Safe Value] Norma O O -5000 ~ 5000 O Write Fd:121 ::ECT_Ch1_AO_LOR_R_DOKER[0103 00 C1 00 015 5F6]; [01 0</th>	configuration A0 Hest WDT Commands Log Summary About CH:0 [04] 0 ~ +5 V immediate Set A0 value with Engineering format Write CH:0 [05] +/ 5 V immediate Set A000 4000 -0000.0 0 Write CH:10 [05] +/ 5 V immediate Set Norma 0 0 -5000-5000 0 Write CH:10 [05] +/ 5 V immediate Set Norma 0 0 -5000-5000 0 Write CH:10 [05] +/ 5 V immediate Set Norma 0 0 -5000-5000 0 Write CH:15 [05] +/ 5 V immediate Set Norma 0 0 -5000-5000 0 Write CH:5 [05] +/ 5 V immediate Set Norma 0 0 -5000-5000 0 Write CH:2 [05] +/ 5 V immediate Set Norma 0 0 -5000-5000 0 Write CH:2 Set Channel Type Code As CH 0 Set Set Poly	Denfiguration AV Host WOT Commany About Type Code Seew Rate Norma O O-5000 3000 Write CH:0 [101] 44 ~ 20 ~ immediate Set Norma O O -5000 ~ 5000 O Write CH:1 [101] 44 ~ 20 ~ immediate Set Norma O O -5000 ~ 5000 O Write CH:2 [105] +/ 5 V 0.0025 V/Se Set Norma O O -5000 ~ 5000 O Write Norma O O -5000 ~ 5000 O Write Write Norma O O -5000 ~ 5000 O Write Norma O O -5000 ~ 5000 O Write Norma O O -5000 ~ 5000 O Write CH:2 [105] +/ 5 V 0.0025 V/Se Set Norma O O -5000 ~ 5000 O Write Ext Set [Power On Value] Set [Safe Value] Norma O O -5000 ~ 5000 O Write Fd:121 ::ECT_Ch1_AO_LOR_R_DOKER[0103 00 C1 00 015 5F6]; [01 0
Set A0 value with Engineering format CH:0 Type Code Sew Rate Wing A0 Value ReadBack Range Output CH:1 101 + 4 - 20 Immediate Set Open 4000	Set A0 value with Engineering format Ovalue with Engineering format	Set A0 value with Engineering format CH0 F00 / 0 + 5 V Immediate Set Open 4000 4000 4000 4000 CH1 [101 + 4 ~ + 20] Immediate Set Open 4000 4000 4000 4000 CH2 [51 + 5 V 0.6625 V/sc Set Norma 0 0 -5000~5000 0 Write Winte Norma 0 0 -5000~5000 0 Write Write (151 + 5 V 0.6625 V/sc Set Norma 0 0 -5000~5000 0 Write (151 + 5 V 0.6625 V/sc Set Norma 0 0 -5000~5000 0 Write (151 + 5 V 0.6625 V/sc Set Norma 0 0 -5000~5000 0 Write (151 + 5 V 0.6625 V/sc Set Norma 0 0 -5000~5000 0 Write (152 + / 5 V 0.6625 V/sc Set Norma 0 0 -5000~5000 0 Write (152 + / 5 V 0.6625 V/sc<
Type Code Seev Rate Wring A0 Value ReadBack Range Output Write CH:0 Idia 0 -+ 5V Immediate Set Norma 3000 0000 4	Type Code Sew Rate Wring A0 Valve ReadBack Range Output CH:0 [64] 0 ~ +5 V immedate Set Norma 3000 3000 0~5000 0 Write CH:1 [01] + + 20 immedate Set Norma 0 0 -5000~5000 0 Write CH:2 [05] + / - 5 V 0.0625 V/se Set Norma 0 0 -5000~5000 0 Write CH:4 [15] + / - 5 V 0.0625 V/se Set Norma 0 0 -5000~5000 0 Write CH:5 (05] + / - 5 V 0.0625 V/se Set Norma 0 0 -5000~5000 0 Write CH:5 (05] + / - 5 V 0.0625 V/se Set Norma 0 0 -5000~5000 0 Write CH:7 (05) + / - 5 V 0.0625 V/se Set Norma 0 0 -5000~5000 0 Write CH:7 (05) + / - 5 V 0.0625 V/se Set Norma 0 0 -5000~5000 0 Write	Type Code Skw Rate Wring A0 Value ReadBack Range Output H0 [10] 0 - +5 V · immediate · Set Open 4000 4000-20000 4000 Write H1 [11] +4 ~ +20 · immediate · Set Open 4000 4000-20000 000-7500 0 Write H2 [15] +5 V · 0.6625 V/sc · Set Norma 0 0 -5500-5500 0 Write H4 [16] +5 V · 0.6625 V/sc · Set Norma 0 0 -5500-5500 0 Write K15 [15] +5 V · 0.6625 V/sc · Set Norma 0 0 -5500-5500 0 Write K15 [15] +5 V · 0.6625 V/sc · Set Norma 0 0 -5000-5000 0 Write K16 [16] +5 V · 0.6625 V/sc · Set Norma 0 0 -5000-5000 0 Write K17 [05] +5 V · 0.6625 V/sc · Set Norma 0 0 -5000-5000 0 Write K18
CH:0 [e] 1 - 4 - 20 Immediate Get Open 4000 4	CH:0 [04] 0 ~ 45 V v mmediate Set Norma 3000 0~5000 000 Write CH:1 [01] +4 ~ +20 v immediate Set Norma 0 0 -5000~5000 0 Write CH:3 [05] +/-5 V 0.0625 V/st v Set Norma 0 0 -5000~5000 0 Write CH:4 [05] +/-5 V 0.0625 V/st v Set Norma 0 0 -5000~5000 0 Write CH:5 [05] +/-5 V 0.0625 V/st v Set Norma 0 0 -5000~5000 0 Write CH:5 [05] +/-5 V 0.0625 V/st v Set Norma 0 0 -5000~5000 0 Write CH:7 [05] +/-5 V 0.0625 V/st v Set Norma 0 0 -5000~5000 0 Write CH:7 [05] +/-5 V 0.0625 V/st v Set Norma 0 0 -5000~5000 0 Write CH:7 [05] +/-5 V 0.0625 V/st v Set Norma 0 0 -5000~5000 0	CH:0 [04] 0 ~ +5 V ∨ immediate ∨ set Norma 3000 3000 0~5000 3000 Write CH:1 [01] +4 ~ +20 ∨ immediate ∨ set Norma 0 0 -5000~5000 0 Write CH:1 [05] +/-5 V ∨ 0.6625 V/se ∨ Set Norma 0 0 -5000~5000 0 Write (15) +/-5 V ∨ 0.6625 V/se ∨ Set Norma 0 0 -5000~5000 0 Write (15) +/-5 V ∨ 0.6625 V/se ∨ Set Norma 0 0 -5000~5000 0 Write (15) +/-5 V ∨ 0.6625 V/se ∨ Set Norma 0 0 -5000~5000 0 Write (15) +/-5 V ∨ 0.6625 V/se ∨ Set Norma 0 0 -5000~5000 0 Write (17) [05] +/-5 V ∨ 0.6625 V/se ∨ Set Norma 0 0 -5000~5000 0 Write (12) ±/-5 V ∨ 0.6625 V/se ∨ Set Norma 0 0 -5000~5000 0 Write (12) ±/-5 V ∨ 0.6625 V/se ∨ Set Norma 0 0 -5000~5000 0 Write
CH:1 [1] +4 ~ +20 immediate SEE Open 4000 4000 4000 000 Write CH:2 [6] +/- SV 0.0623 V/sc SEE Norma 0 0 -5000-5000 0 Write CH:4 [6] +/- SV 0.0623 V/sc SEE Norma 0 0 -5000-5000 0 Write CH:4 [6] +/- SV 0.0623 V/sc SEE Norma 0 0 -5000-5000 0 Write CH:5 [6] +/- SV 0.0623 V/sc SEE Norma 0 0 -5000-5000 0 Write CH:6 [6] +/- SV 0.0623 V/sc SEE Norma 0 0 -5000-5000 0 Write SEE For value SEE Set [Power On Value Set [Safe Value] Write Read A0 Norma Norma <t< td=""><td>CH:1 (1) +4 ~ +20 mmediate SET CH:2 (5) +f · 5 V 0.0625 V/st · Set Norma 0 0 -5000~5000 0 Write CH:3 (5) +f · 5 V 0.0625 V/st · Set Norma 0 0 -5000~5000 0 Write CH:4 (5) +f · 5 V 0.0625 V/st · Set Norma 0 0 -5000~5000 0 Write CH:5 (5) +f · 5 V 0.0625 V/st · Set Norma 0 0 -5000~5000 0 Write CH:5 (5) +f · 5 V 0.0625 V/st · Set Norma 0 0 -5000~5000 0 Write CH:5 (5) +f · 5 V 0.0625 V/st · Set Norma 0 0 -5000~5000 0 Write CH:7 (6) +f · 5 V 0.0625 V/st · Set Norma 0 0 -5000~5000 0 Write F 0.025 0.025 V/st · Set Norma 0 0 -5000~5000 0 Write F 0.026 Proveer() Value Set [Set Value] Set [Set Value] Set [Set Value] Set [Set Value]<!--</td--><td>CH:1 [0] +4 ~ +20 mmediate SEE Open 4000 4000 4000~20000 0 Write CH:2 [05] +/- 5 V 0.0.625 V/se SEE Norma 0 0 05000~5000 0 Write CH:3 [05] +/- 5 V 0.0.625 V/se SEE Norma 0 0 0 - 5000~5000 0 Write CH:5 [05] +/- 5 V 0.0.625 V/se SEE Norma 0 0 0 - 5000~5000 0 Write CH:5 [05] +/- 5 V 0.0.625 V/se SEE Norma 0 0 0 - 5000~5000 0 Write CH:5 [05] +/- 5 V 0.0.625 V/se SEE Norma 0 0 0 - 5000~5000 0 Write CH:7 [05] +/- 5 V 0.0.625 V/se SEE Norma 0 0 0 - 5000~5000 0 Write CH:7 [05] +/- 5 V 0.0.625 V/se SEE Norma 0 0 0 - 5000~5000 0 Write Fee Channel Type Code As CH 0 SEE [Power On Value] SEE [Safe Value] © Read AO © Read AO © Read AO © Read AO © Read Safe Value Ext F 01:1: ::6ET_CH1_AO_FOR_POWER[01 03 00 C1 00 01 D5 F6]; [01 03 02 0F A0 BD CC]; [29 ms]==>OK T 03:00 ::SUTPUT_CH0_AO[01 06 00 00 0B 88 SE 88]; [01 06 00 00 0B 88 SE 88]; [44 ms]==>OK T 03:00 ::SUTPUT_CH0_AO[01 06 01 00 01 B3 65]; [01 06 00 00 0B 88 SE 88]; [44 ms]==>OK T 40 30:00 ::SUTPUT_CH0_AO[01 06 01 10 00 10 B3 C]; [10 106 01 12 00 00 D8 C]; [44 ms]==>OK T 40 30:00 ::GET_CH1_AO_TYPE_CODE[01 06 11 00 01 D5 F6]; [01 03 02 00 00 88 05 C]; [12 ms]==>OK T 40 30:00 ::GET_CH1_AO_TYPE_CODE[01 03 01 00 01 D5 F6]; [01 03 02 00 07 A0 BD CC]; [29 ms]==>OK T 40 30:00 ::GET_CH1_AO_TYPE_CODE[01 03 01 00 01 D5 F6]; [01 03 02 00 00 74 A1]; [29 ms]==>OK T 40 30:00 ::GET_CH1_AO_TYPE_CODE[01 03 01 00 01 D5 F6]; [01 03 02 00 A0 BB CC]; [33 ms]==>OK T 40 30:00 ::GET_CH1_AO_TOR_SAFE[01 03 00 C1 00 01 D5 F6]; [01 03 02 0F A0 BD CC]; [33 ms]==>OK T 40 30:00 ::GET_CH1_AO_TOR_SAFE[01 03 00 C1 00 01 D5 F6]; [01 03 02 0F A0 BD CC]; [33 ms]==>OK T 40 30:00 ::GET_CH1_AO_TOR_SAFE[01 03 00 C1 00 01 D5 F6]; [01 03 02 0F A0 BD CC]; [33 ms]==>OK</td></td></t<>	CH:1 (1) +4 ~ +20 mmediate SET CH:2 (5) +f · 5 V 0.0625 V/st · Set Norma 0 0 -5000~5000 0 Write CH:3 (5) +f · 5 V 0.0625 V/st · Set Norma 0 0 -5000~5000 0 Write CH:4 (5) +f · 5 V 0.0625 V/st · Set Norma 0 0 -5000~5000 0 Write CH:5 (5) +f · 5 V 0.0625 V/st · Set Norma 0 0 -5000~5000 0 Write CH:5 (5) +f · 5 V 0.0625 V/st · Set Norma 0 0 -5000~5000 0 Write CH:5 (5) +f · 5 V 0.0625 V/st · Set Norma 0 0 -5000~5000 0 Write CH:7 (6) +f · 5 V 0.0625 V/st · Set Norma 0 0 -5000~5000 0 Write F 0.025 0.025 V/st · Set Norma 0 0 -5000~5000 0 Write F 0.026 Proveer() Value Set [Set Value] Set [Set Value] Set [Set Value] Set [Set Value] </td <td>CH:1 [0] +4 ~ +20 mmediate SEE Open 4000 4000 4000~20000 0 Write CH:2 [05] +/- 5 V 0.0.625 V/se SEE Norma 0 0 05000~5000 0 Write CH:3 [05] +/- 5 V 0.0.625 V/se SEE Norma 0 0 0 - 5000~5000 0 Write CH:5 [05] +/- 5 V 0.0.625 V/se SEE Norma 0 0 0 - 5000~5000 0 Write CH:5 [05] +/- 5 V 0.0.625 V/se SEE Norma 0 0 0 - 5000~5000 0 Write CH:5 [05] +/- 5 V 0.0.625 V/se SEE Norma 0 0 0 - 5000~5000 0 Write CH:7 [05] +/- 5 V 0.0.625 V/se SEE Norma 0 0 0 - 5000~5000 0 Write CH:7 [05] +/- 5 V 0.0.625 V/se SEE Norma 0 0 0 - 5000~5000 0 Write Fee Channel Type Code As CH 0 SEE [Power On Value] SEE [Safe Value] © Read AO © Read AO © Read AO © Read AO © Read Safe Value Ext F 01:1: ::6ET_CH1_AO_FOR_POWER[01 03 00 C1 00 01 D5 F6]; [01 03 02 0F A0 BD CC]; [29 ms]==>OK T 03:00 ::SUTPUT_CH0_AO[01 06 00 00 0B 88 SE 88]; [01 06 00 00 0B 88 SE 88]; [44 ms]==>OK T 03:00 ::SUTPUT_CH0_AO[01 06 01 00 01 B3 65]; [01 06 00 00 0B 88 SE 88]; [44 ms]==>OK T 40 30:00 ::SUTPUT_CH0_AO[01 06 01 10 00 10 B3 C]; [10 106 01 12 00 00 D8 C]; [44 ms]==>OK T 40 30:00 ::GET_CH1_AO_TYPE_CODE[01 06 11 00 01 D5 F6]; [01 03 02 00 00 88 05 C]; [12 ms]==>OK T 40 30:00 ::GET_CH1_AO_TYPE_CODE[01 03 01 00 01 D5 F6]; [01 03 02 00 07 A0 BD CC]; [29 ms]==>OK T 40 30:00 ::GET_CH1_AO_TYPE_CODE[01 03 01 00 01 D5 F6]; [01 03 02 00 00 74 A1]; [29 ms]==>OK T 40 30:00 ::GET_CH1_AO_TYPE_CODE[01 03 01 00 01 D5 F6]; [01 03 02 00 A0 BB CC]; [33 ms]==>OK T 40 30:00 ::GET_CH1_AO_TOR_SAFE[01 03 00 C1 00 01 D5 F6]; [01 03 02 0F A0 BD CC]; [33 ms]==>OK T 40 30:00 ::GET_CH1_AO_TOR_SAFE[01 03 00 C1 00 01 D5 F6]; [01 03 02 0F A0 BD CC]; [33 ms]==>OK T 40 30:00 ::GET_CH1_AO_TOR_SAFE[01 03 00 C1 00 01 D5 F6]; [01 03 02 0F A0 BD CC]; [33 ms]==>OK</td>	CH:1 [0] +4 ~ +20 mmediate SEE Open 4000 4000 4000~20000 0 Write CH:2 [05] +/- 5 V 0.0.625 V/se SEE Norma 0 0 05000~5000 0 Write CH:3 [05] +/- 5 V 0.0.625 V/se SEE Norma 0 0 0 - 5000~5000 0 Write CH:5 [05] +/- 5 V 0.0.625 V/se SEE Norma 0 0 0 - 5000~5000 0 Write CH:5 [05] +/- 5 V 0.0.625 V/se SEE Norma 0 0 0 - 5000~5000 0 Write CH:5 [05] +/- 5 V 0.0.625 V/se SEE Norma 0 0 0 - 5000~5000 0 Write CH:7 [05] +/- 5 V 0.0.625 V/se SEE Norma 0 0 0 - 5000~5000 0 Write CH:7 [05] +/- 5 V 0.0.625 V/se SEE Norma 0 0 0 - 5000~5000 0 Write Fee Channel Type Code As CH 0 SEE [Power On Value] SEE [Safe Value] © Read AO © Read AO © Read AO © Read AO © Read Safe Value Ext F 01:1: ::6ET_CH1_AO_FOR_POWER[01 03 00 C1 00 01 D5 F6]; [01 03 02 0F A0 BD CC]; [29 ms]==>OK T 03:00 ::SUTPUT_CH0_AO[01 06 00 00 0B 88 SE 88]; [01 06 00 00 0B 88 SE 88]; [44 ms]==>OK T 03:00 ::SUTPUT_CH0_AO[01 06 01 00 01 B3 65]; [01 06 00 00 0B 88 SE 88]; [44 ms]==>OK T 40 30:00 ::SUTPUT_CH0_AO[01 06 01 10 00 10 B3 C]; [10 106 01 12 00 00 D8 C]; [44 ms]==>OK T 40 30:00 ::GET_CH1_AO_TYPE_CODE[01 06 11 00 01 D5 F6]; [01 03 02 00 00 88 05 C]; [12 ms]==>OK T 40 30:00 ::GET_CH1_AO_TYPE_CODE[01 03 01 00 01 D5 F6]; [01 03 02 00 07 A0 BD CC]; [29 ms]==>OK T 40 30:00 ::GET_CH1_AO_TYPE_CODE[01 03 01 00 01 D5 F6]; [01 03 02 00 00 74 A1]; [29 ms]==>OK T 40 30:00 ::GET_CH1_AO_TYPE_CODE[01 03 01 00 01 D5 F6]; [01 03 02 00 A0 BB CC]; [33 ms]==>OK T 40 30:00 ::GET_CH1_AO_TOR_SAFE[01 03 00 C1 00 01 D5 F6]; [01 03 02 0F A0 BD CC]; [33 ms]==>OK T 40 30:00 ::GET_CH1_AO_TOR_SAFE[01 03 00 C1 00 01 D5 F6]; [01 03 02 0F A0 BD CC]; [33 ms]==>OK T 40 30:00 ::GET_CH1_AO_TOR_SAFE[01 03 00 C1 00 01 D5 F6]; [01 03 02 0F A0 BD CC]; [33 ms]==>OK
CH:2 IS1 +/- S V 0.0625 V/St V Set Norma 0 0 -5000-55000 0 Write CH:3 IG5 +/- S V 0.0625 V/St V Set Norma 0 0 -5000-55000 0 Write CH:4 IG5 +/- S V 0.0625 V/St V Set Norma 0 0 -5000-55000 0 Write CH:5 IG5 +/- S V 0.0625 V/St V Set Norma 0 0 -5000-55000 0 Write CH:7 IG5 +/- S V 0.0625 V/St V Set Norma 0 0 -5000-55000 0 Write Set Channel Type Code As CH 0 Set [Power On Value Set [Safe Value] Write Write Set Isst Ch1_AO_FOR_POWER[01 03 00 C1 00 01 D5 F6]; [01 03 02 0F A0 BD CC]; [29 ms]==>OK T<	CH:2 IDS +f - S V 0.0625 V/sc - Set Norma 0 0 -5000-5000 0 Write CH:3 IDS +f - S V 0.0625 V/sc - Set Norma 0 0 -5000-5000 0 Write CH:4 IDS +f - S V 0.0625 V/sc - Set Norma 0 0 -5000-5000 0 Write CH:5 IDS +f - S V 0.0625 V/sc - Set Norma 0 0 -5000-5000 0 Write CH:7 IDS +f - S V 0.0625 V/sc - Set Norma 0 0 -5000-5000 0 Write Set Channel Type Code As CH 0 Set [Power On Value] Set [Safe Value] IDS +f - S V 0.0625 V/sc - Set Norma 0 0 -5000-5000 0 Write F0 121 ::GET_CH1_A0_FOR_POWER[01 03 00 CI 00 01 DS FG]; [01 03 02 0F A0 BD CC]; [29 ms]==>0K Set Read Power On Value Read Powe	CH:2 [05] +/- 5 V → 0.0625 V/sc → Set Norma 0 0 0 - 5000 × 5000 0 V/rite CH:3 [05] +/- 5 V → 0.0625 V/sc → Set Norma 0 0 - 5000 × 5000 0 V/rite CH:4 [05] +/- 5 V → 0.0625 V/sc → Set Norma 0 0 - 5000 × 5000 0 V/rite CH:5 [05] +/- 5 V → 0.0625 V/sc → Set Norma 0 0 - 5000 × 5000 0 V/rite CH:5 [05] +/- 5 V → 0.0625 V/sc → Set Norma 0 0 - 5000 × 5000 0 V/rite V/rite CH:7 [05] +/- 5 V → 0.0625 V/sc → Set Norma 0 0 - 5000 × 5000 0 V/rite V/r
CH:3 IDS 1+f S V 0 0025 V/se V Set Norma 0 -5000-\$000 0 Write CH:4 IDS 1+f S V 0 0025 V/se V Set Norma 0 0 -5000-\$000 0 Write CH:5 IDS 1+f S V 0 0025 V/se V Set Norma 0 0 -5000-\$000 0 Write CH:5 IDS 1+f S V 0 0025 V/se V Set Norma 0 0 -5000-\$000 0 Write CH:5 V 0 0.0625 V/se V Set Norma 0 0 -5000-\$000 0 Write CH:7 IDS 1+f S V 0.0625 V/se V Set Norma 0 0 -5000-\$000 0 Write Set Channel Type Code As CH 0 Set [Power On Value] Set [Safe Value] Set Set Set Set Set Set Set [Safe Value] Set Set Set [Safe Value] Set Set [Safe Value] Set Set [Safe Value] Set Set [Safe Value]	CH:3 (b3) +/- 5 V 0.0625 V/se Set Norma 0 0 -5000~5000 0 Write CH:5 (b3) +/- 5 V 0.0625 V/se Set Norma 0 0 -5000~5000 0 Write CH:5 (b3) +/- 5 V 0.0625 V/se Set Norma 0 0 -5000~5000 0 Write CH:6 (b3) +/- 5 V 0.0625 V/se Set Norma 0 0 -5000~5000 0 Write CH:7 (b3) +/- 5 V 0.0625 V/se Set Norma 0 0 -5000~5000 0 Write CH:7 (b3) +/- 5 V 0.0625 V/se Set Norma 0 0 -5000~5000 0 Write Set Channel Type Code As CH 0 Set [Power On Value] Set [Safe Value] Set 5 5 0 <	CH:3 [05] +/- 5 V → 0.0625 V/se → Set Norma 0 05000~5000 0 Write VWrite
CH:4 (b5) +/- S V mmediate Set Norma 0 0 -5000~5000 0 Write CH:5 (b5) +/- S V 0.0625 V/sc Set Norma 0 0 -5000~5000 0 Write CH:7 (b5) +/- S V 0.0625 V/sc Set Norma 0 0 -5000~5000 0 Write CH:7 (b5) +/- S V 0.0625 V/sc Set Norma 0 0 -5000~5000 0 Write CH:7 (b5) +/- S V 0.0625 V/sc Set Norma 0 0 -5000~5000 0 Write CH:7 (b5) +/- S V 0.0625 V/sc Set Norma 0 0 -5000~5000 0 Write Ext Set (Power On Value) Set (Safe Value)	CH:4 (DS) +/- S V mmediate Set Norma 0 0 -5000~5000 0 Write CH:5 (DS) +/- S V 0.0625 V/sec Set Norma 0 0 -5000~5000 0 Write CH:7 (DS) +/- S V 0.0625 V/sec Set Norma 0 0 -5000~5000 0 Write Set Channel Type Code As CH 0 Set [Power On Value] Set [Safe Value] @ Read AO 0 Read Safe Value Ext #	CH:4 [05] +/- 5 V immediate Set Norma 0 0 -5000~5000 0 Write CH:5 [05] +/- 5 V 0.0625 V/se Set Norma 0 0 -5000~5000 0 Write CH:7 [05] +/- 5 V 0.0625 V/se Set Norma 0 0 -5000~5000 0 Write CH:7 [05] +/- 5 V 0.0625 V/se Set Norma 0 0 -5000~5000 0 Write CH:7 [05] +/- 5 V 0.0625 V/se Set Norma 0 0 -5000~5000 0 Write Set Channel Type Code As CH 0 Set [Power On Value] Set [Safe Value] Write Read AO Ext Ext Read Safe Value T ⁺ 01:21 ::GET_CH1_AO_FOR_POWER[01 03 00 C1 00 01 DS F6]; [01 03 02 0F A0 BD CC]; [29 ms]==>OK P1:21 ::GET_CH1_AO_TOPE_CODE[01 06 01 01 00 01 18 36]; [01 06 01 00 00 18 86 E88]; [14 ms]==>OK F ⁺ 0:300 ::SET_CH1_AO_TYPE_CODE[01 06 01 01 00 01 18 36]; [01 03 02 00 100 02 18 44 16; [29 ms]==>OK<
CH:5 US 1/F 5 V 0.0625 V/st v Set Norma 0 0 -5000~5000 0 Write CH:7 (103) +/- 5 V 0.0625 V/st v Set Norma 0 0 -5000~5000 0 Write CH:7 (103) +/- 5 V 0.0625 V/st v Set Norma 0 0 -5000~5000 0 Write Set Channel Type Code As CH 0 Set [Power On Value] Set [Safe Value] Set [Safe Value] Pead A0 Read A20 Read A2 Read A2 Read A2 Pead A2 <t< td=""><td>CH:5 0.0625 V/sc Set Norma 0 0 -5000~5000 0 Write CH:5 1051 +/- 5 V 0.0625 V/sc Set Norma 0 0 -5000~5000 0 Write CH:7 1051 +/- 5 V 0.0625 V/sc Set Norma 0 0 -5000~5000 0 Write Set Channel Type Code As CH 0 Set [Power On Value] Set [Safe Value] Read AO Read AO Read AO Read AO Read Safe Value Image: Code As CH 0 Read Safe Value Image: Code As CH 0 Read Safe Value Image: Code As CH 0 Read AO Read AO Read AO Read Safe Value Image: Code As CH 0 Image: Code As CH 0</td><td>CH:5 0.0625 V/se ∨ Set Norma 0 0 -5000~5000 0 Write CH:6 1051+/-5 V 0.0625 V/se ∨ Set Norma 0 0 -5000~5000 0 Write CH:7 1051+/-5 V 0.0625 V/se ∨ Set Norma 0 0 -5000~5000 0 Write Set Channel Type Code As CH 0 Set [Power On Value] Set [Safe Value] @ @ Read AO 0 Read AdO Read AdO Read AdO Read Safe Value @ @ Ext </td></t<>	CH:5 0.0625 V/sc Set Norma 0 0 -5000~5000 0 Write CH:5 1051 +/- 5 V 0.0625 V/sc Set Norma 0 0 -5000~5000 0 Write CH:7 1051 +/- 5 V 0.0625 V/sc Set Norma 0 0 -5000~5000 0 Write Set Channel Type Code As CH 0 Set [Power On Value] Set [Safe Value] Read AO Read AO Read AO Read AO Read Safe Value Image: Code As CH 0 Read Safe Value Image: Code As CH 0 Read Safe Value Image: Code As CH 0 Read AO Read AO Read AO Read Safe Value Image: Code As CH 0	CH:5 0.0625 V/se ∨ Set Norma 0 0 -5000~5000 0 Write CH:6 1051+/-5 V 0.0625 V/se ∨ Set Norma 0 0 -5000~5000 0 Write CH:7 1051+/-5 V 0.0625 V/se ∨ Set Norma 0 0 -5000~5000 0 Write Set Channel Type Code As CH 0 Set [Power On Value] Set [Safe Value] @ @ Read AO 0 Read AdO Read AdO Read AdO Read Safe Value @ @ Ext
CH:6 [05] +/- 5 V 0.0625 V/se Set Norma 0 0 -5000~5000 0 Write CH:7 [05] +/- 5 V 0.0625 V/se Set Norma 0 0 -5000~5000 0 Write Set Channel Type Code As CH 0 Set [Power On Value] Set [Safe Value] Norma 0 0 -5000~5000 0 Write Ext Read AO Read Fower On Value Set [Safe Value] Norma 0 0 0 0 0 0 Write Ext Read Safe Value Read Safe Value 0 Read Safe Value 0 <	CH:6 [05] +/: 5 V 0.0625 V/se Set Norma 0 0 -5000~5000 0 Write Set Channel Type Code As CH 0 Set [Power On Value] Set [Safe Value] 0 0 -5000~5000 0 Write Image: Set Channel Type Code As CH 0 Set [Power On Value] Set [Safe Value] 0 0 -5000~5000 0 Write Image: Set Channel Type Code As CH 0 Set [Power On Value] Set [Safe Value] 0 0 -6000~5000 0 Write Image: Set Channel Type Code As CH 0 Set [Power On Value] Set [Safe Value] 0 0 -6000~5000 0 Write Image: Set Channel Type Code As CH 0 Set [Power On Value] Set [Safe Value] 0 0 -6000~5000 0 <t< td=""><td>CH:6 [05] +/- 5 V 0.0625 V/se Set Norma 0 0 -5000~5000 0 Write Set Channel Type Code As CH 0 Set [Power On Value] Set [Safe Value] ● Read AO ○ Read AO ○ Read Safe Value ● Read AO ○ Read Safe Value ● Norma 0 0 0 Write Ft 0:121 ::GET_CH1_AO_FOR_POWER[01 03 00 C1 00 01 D5 F6]; [01 03 02 0F A0 BD CC]; [29 ms]=>OK </td></t<>	CH:6 [05] +/- 5 V 0.0625 V/se Set Norma 0 0 -5000~5000 0 Write Set Channel Type Code As CH 0 Set [Power On Value] Set [Safe Value] ● Read AO ○ Read AO ○ Read Safe Value ● Read AO ○ Read Safe Value ● Norma 0 0 0 Write Ft 0:121 ::GET_CH1_AO_FOR_POWER[01 03 00 C1 00 01 D5 F6]; [01 03 02 0F A0 BD CC]; [29 ms]=>OK
CH:7 [05] +/- 5 V 0.0625 V/sc Set Norma 0 -5000~5000 0 Write Set Channel Type Code As CH 0 Set [Power On Value] Set [Safe Value] • Read AO • • Read AO • Read AO • • Read AO • <	CH:7 [05] +/- 5 V 0.0625 V/sz Set Norma 0 0 -5000~5000 0 Write Set Channel Type Code As CH 0 Set [Power On Value] Set [Safe Value] 0 0 Read AO © Read AO © Read AO © Read Safe Value 0 0 0 0 0 0 # 01:21 ::GET_CH1_AO_FOR_POWER[01 03 00 C1 00 01 D5 F6]; [01 03 02 0F A0 BD CC]; [29 ms]==>OK # # 1:21 ::GET_CH1_AO_FOR_POWER[01 03 00 C1 00 01 D5 F6]; [01 06 00 00 00 08 B8 8E 88]; [44 ms]==>OK # # # # # 1:21 ::GET_CH1_AO_FOR_POWER[01 06 00 10 10 00 01 18 36]; [44 ms]==>OK #	CH:7 [05] +/- 5 V 0.0625 V/se √ Set Norma 0 -5000~5000 0 Write Set Channel Type Code As CH 0 Set [Power On Value] Set [Safe Value] • • Read AO • Read AO •
Set Channel Type Code As CH 0 Set [Power On Value] Set [Safe Value]	Set Channel Type Code As CH 0 Set [Power On Value] Set [Safe Value]	Set Channel Type Code As CH 0 Set [Power On Value] Set [Safe Value]
		Read AO Read AO Read Power On Value Read Safe Value Exit F 01:21 ::GET_CH1_AO_FOR_POWER[01 03 00 C1 00 01 D5 F6]; [01 03 02 0F A0 BD CC]; [29 ms]==>OK F 01:21 ::GET_CH1_AO_FOR_POWER[01 03 00 C1 00 01 D5 F6]; [01 03 02 0F A0 BD CC]; [29 ms]==>OK F 03:00 ::OUTPUT_CH0_AO[01 06 00 00 08 B8 8E 88]; [01 06 00 00 08 B8 8E 88]; [44 ms]==>OK F 03:00 ::SET_CH1_AO_TYPE_CODE[01 06 01 01 00 01 18 36]; [01 00 01 18 36]; [44 ms]==>OK F 03:00 ::SET_CH1_AO_TYPE_CODE[01 06 01 21 00 00 D8 3C]; [01 06 01 01 00 01 18 36]; [44 ms]==>OK F 03:00 ::SET_CH1_AO_SLEW_RATE[01 06 01 21 00 00 D8 3C]; [01 06 01 21 00 00 D8 2C]; [44 ms]==>OK F 03:00 ::SET_CH1_AO_SLEW_RATE[01 03 01 10 00 1 19 36]; [01 03 02 00 00 D8 88 []; [44 ms]==>OK F 03:00 ::GET_CH1_AO_SLEW_RATE[01 03 00 1 D5 D4]; [01 03 02 00 00 D8 B3 []; [44 ms]==>OK F 03:00 ::GET_CH1_AO_SLEW_RATE[01 03 00 61 00 01 D5 20]; [01 03 02 00 00 D8 20]; [44 ms]==>OK F 03:00 ::GET_CH1_AO_SLEW_RATE[01 03 00 61 00 01 D5 D4]; [01 03 02 00 00 D8 20]; [32 ms]==>OK F 0 3:00 ::GET_CH1_AO_FOR_POWER[01 03 00 61 00 01 D5 D4]; [01 03 02 0F A0 BD CC]; [33 ms]==>OK F 0 3:00 ::GET_CH1_AO_FOR_POWER[01 03 00 C1 00 01 D5 F6]; [01 03 02 0F A0 BD CC]; [33 ms]==>OK
Read Power On Value Read Safe Value Ext Configuration AO TF 01:21 ::GET_CH1_AO_FOR_POWER[01 03 00 C1 00 01 D5 F6]; [01 03 02 0F A0 BD CC]; [29 ms]=->OK Configuration AO Configuration AO Configuration AO Configuration AO Configuration AO Configuration AO Configuration AO Configuration AO Configuration AO Configuration AO Configuration AO Configuration AO Configuration AD Configuration AD Configuration AD Configuration AD Configuration AD Configuration AD Configur	Read Power On Value Read Safe Value Exit # 01:21 ::GET_CH1_A0_FOR_POWER[01 03 00 C1 00 01 D5 F6]; [01 03 02 0F A0 BD CC]; [29 ms]==>0K 228 Firmware[A202] Configuration A0 Host WDT Commands Log Summary About F* 03:00 ::OUTPUT_CH0_A0_TO[01 06 00 00 B8 88 E8 8]; [01 06 00 00 08 B8 88 E8 8]; [144 ms]==>0K F* 03:00 ::SET_CH1_A0_TYPE_CODE[01 06 01 01 00 01 18 36]; [01 06 01 01 00 01 18 36]; [42 ms]==>0K F* 03:00 ::SET_CH1_A0_SLEW_RATE[01 06 01 01 00 01 98 3C]; [01 06 00 10 00 01 98 3C]; [44 ms]==>0K F* 03:00 ::SET_CH1_A0_SLEW_RATE[01 03 01 01 D5 FC]; [01 03 02 00 01 79 94]; [45 ms]==>0K F* 03:00 ::GET_CH1_A0_SLEW_RATE[01 03 00 12 10 00 10 D5 FC]; [01 03 02 00 00 08 84]; [29 ms]==>0K F* 03:00 ::GET_CH1_A0_FOR_SAFE[01 03 00 61 00 01 D5 FC]; [01 03 02 0F A0 BD CC]; [33 ms]==>0K F* 03:00 ::GET_CH1_A0_FOR_POWER[01 03 00 C1 00 01 D5 F6]; [01 03 02 0F A0 BD CC]; [33 ms]==>0K F* 03:00 ::GET_CH1_A0_FOR_POWER[01 03 00 C1 00 01 D5 F6]; [01 03 02 0F A0 BD CC]; [33 ms]==>0K F* 03:00 ::GET_CH1_A0_FOR_POWER[01 03 00 C1 00 01 D5 F6]; [01 03 02 0F A0 BD CC]; [33 ms]==>0K F* 03:00 ::GET_CH1_A0_FOR_POWER[01 03 00 C1 00 01 D5 F6]; [01 03 02 0F A0 BD CC]; [33 ms]==>0K F* 03:00 ::GET_CH1_A0_FOR_POWER[01 03 00 C1 00 01 D5 F6]; [01 03 02 0F A0 BD CC]; [33 ms]==>0K Save to path\log_report\ Log All Commands Export Commands Clear <	○ Read Power On Value ○ Read Safe Value Ext
C Read Safe Value Ext # 01:21 ::GET_CH1_A0_FOR_POWER[01 03 00 C1 00 01 D5 F6]; [01 03 02 0F A0 8D CC]; [29 ms]==>0K D28 Firmware[A202] Configuration A0 Host WDT Commands Log Summary About TF 03:00 :: 0UTPUT_CH0_A0[01 06 00 00 08 88 8E 88]; [01 06 00 00 08 88 8E 88]; [44 ms]==>0K TF 03:00 :: SET_CH1_A0_TYPE_CODE[01 06 01 00 01 18 36]; [01 06 01 121 00 00 D8 3C]; [44 ms]==>0K TF 03:00 ::SET_CH1_A0_SLEW_RATE[01 06 01 21 00 00 D8 3C]; [01 06 01 21 00 00 D8 3C]; [44 ms]==>0K TF 03:00 ::SET_CH1_A0_SLEW_RATE[01 03 01 01 00 11 23 6]; [01 03 02 00 01 28 84 1]; [45 ms]==>0K TF 03:00 ::SET_CH1_A0_SLEW_RATE[01 03 01 01 00 15 D4 36]; [01 03 02 00 00 08 84 4]; [29 ms]==>0K TF 03:00 ::SET_CH1_A0_FOR_SAFE[01 03 00 61 00 01 D5 DF]; [01 03 02 0F A0 BD CC]; [33 ms]==>0K TF 03:00 ::SET_CH1_A0_FOR_POWER[01 03 00 C1 00 01 D5 F6]; [01 03 02 0F A0 BD CC]; [33 ms]==>0K TF 03:00 ::SET_CH1_A0_FOR_POWER[01 03 00 C1 00 01 D5 F6]; [01 03 02 0F A0 BD CC]; [33 ms]==>0K TF 03:00 ::SET_CH1_A0_FOR_POWER[01 03 00 C1 00 01 D5 F6]; [01 03 02 0F A0 BD CC]; [33 ms]==>0K TF 03:00 ::SET_CH1_A0_FOR_POWER[01 03 00 C1 00 01 D5 F6]; [01 03 02 0F A0 BD CC]; [33 ms]==>0K TF 03:00 ::SET_CH1_A0_FOR_POWER[01 03 00 C1 00 01 D5 F6]; [01 03 02 0F A0 BD CC]; [33 ms]==>0K Save to path\log_report\ Log All Commands Export Commands Clear	O Read Safe Value Ext	O Read Safe Value Ext
Ext	Ext	Exit 年 01:21 ::GET_CH1_AO_FOR_POWER[01 03 00 C1 00 01 D5 F6]; [01 03 02 0F A0 BD CC]; [29 ms]==>OK 228 Firmware[A202] Configuration AO Host WDT Commands Log Summary About 午 03:00 :: OUTPUT_CH0_AO[01 06 00 00 08 B8 8E 88]; [01 06 00 00 08 B8 8E 88]; [44 ms]==>OK 下午 03:00 :: SET_CH1_AO_TYPE_CODE[01 06 01 11 83 06]; [01 06 01 01 00 01 18 36]; [42 ms]==>OK 下午 03:00 :: SET_CH1_AO_TYPE_CODE[01 06 01 21 00 0D B3 C]; [01 06 01 21 00 00 D8 3C]; [44 ms]==>OK 下午 03:00 :: SET_CH1_AO_SLEW_RATE[01 03 01 01 00 01 D4 36]; [01 03 02 00 01 79 84]; [45 ms]==>OK 下午 03:00 :: SET_CH1_AO_SLEW_RATE[01 03 01 21 00 01 D5 FC]; [01 03 02 00 01 79 84]; [45 ms]==>OK 下午 03:00 :: SET_CH1_AO_SLEW_RATE[01 03 00 61 00 1D 5FC]; [01 03 02 0F A0 BD CC]; [33 ms]==>OK 下午 03:00 :: GET_CH1_AO_FOR_POWER[01 03 00 C1 00 01 D5 F6]; [01 03 02 0F A0 BD CC]; [33 ms]==>OK 下午 03:00 :: GET_CH1_AO_FOR_POWER[01 03 00 C1 00 01 D5 F6]; [01 03 02 0F A0 BD CC]; [33 ms]==>OK
Ext	Ext # 01:21 ::GET_CH1_A0_FOR_POWER[01 03 00 C1 00 01 D5 F6]; [01 03 02 0F A0 BD CC]; [29 ms]==>OK 028 Firmware[A202] Configuration A0 Host WDT Commands Log Summary About F* 03:00 ::SET_CH1_A0_TYPE_CODE[01 06 01 01 00 11 83 6]; [01 06 01 01 00 11 83 6]; [142 ms]==>OK F* 03:00 ::SET_CH1_A0_TYPE_CODE[01 06 01 01 00 01 83 6]; [01 06 01 21 00 00 D8 83 [; [44 ms]==>OK F* 03:00 ::SET_CH1_A0_SLEW_RATE[01 06 01 21 00 00 D8 36]; [01 03 02 00 01 09 84]; [47 ms]==>OK F* 03:00 ::SET_CH1_A0_SLEW_RATE[01 03 01 21 00 01 D5 FC]; [01 03 02 00 00 08 84 4]; [29 ms]==>OK F* 03:00 ::GET_CH1_A0_SLEW_RATE[01 03 00 61 00 01 D5 FC]; [01 03 02 00 7 A0 BD CC]; [33 ms]==>OK F* 03:00 ::GET_CH1_A0_FOR_POWER[01 03 00 C1 00 01 D5 F6]; [01 03 02 0F A0 BD CC]; [33 ms]==>OK F* 03:00 ::GET_CH1_A0_FOR_POWER[01 03 00 C1 00 01 D5 F6]; [01 03 02 0F A0 BD CC]; [33 ms]==>OK F* 03:00 ::GET_CH1_A0_FOR_POWER[01 03 00 C1 00 01 D5 F6]; [01 03 02 0F A0 BD CC]; [33 ms]==>OK Save to path\\og_report\ Log Al Commands Export Commands Clear	Exit 年 01:21 ::GET_CH1_A0_FOR_POWER[01 03 00 C1 00 01 D5 F6]; [01 03 02 0F A0 BD CC]; [29 ms]==>OK 228 Firmware[A202] Configuration AO Host WDT Commands Log Summary About F↑ 03:00 :: OUTPUT_CH0_A0[01 06 00 00 0B 88 8E 88]; [01 06 00 00 0B 88 8E 88]; [44 ms]==>OK F↑ 03:00 ::SET_CH1_A0_TYPE_CODE[01 06 01 01 00 01 18 36]; [01 06 01 01 00 01 18 36]; [44 ms]==>OK F↑ 03:00 ::SET_CH1_A0_SLEW_RATE[01 06 01 21 00 00 D8 3C]; [01 06 01 21 00 00 D8 3C]; [44 ms]==>OK F↑ 03:00 ::SET_CH1_A0_TYPE_CODE[01 03 01 01 00 15 8C]; [01 03 02 00 00 B8 44]; [29 ms]==>OK F↑ 03:00 ::GET_CH1_A0_FOR_SAFE[01 03 00 61 00 10 5 DF 4]; [01 03 02 0F A0 BD CC]; [33 ms]==>OK F↑ 03:00 ::GET_CH1_A0_FOR_SAFE[01 03 00 61 00 10 5 DF 4]; [01 03 02 0F A0 BD CC]; [33 ms]==>OK F↑ 03:00 ::GET_CH1_A0_FOR_POWER[01 03 00 C1 00 01 D5 F6]; [01 03 02 0F A0 BD CC]; [33 ms]==>OK F↑ 03:00 ::GET_CH1_A0_FOR_POWER[01 03 00 C1 00 01 D5 F6]; [01 03 02 0F A0 BD CC]; [33 ms]==>OK
D28 Firmware[A202] Configuration AO Host WDT Commands Log Summary About 年 03:00 :: OUTPUT_CH0_A0[01 06 00 00 08 88 88 88]; [01 06 00 00 08 88 88 88]; [44 ms]==>0K 年 03:00 ::SET_CH1_AO_TYPE_CODE[01 06 01 10 00 11 83 6]; [01 06 01 10 00 11 83 6]; [42 ms]==>0K 年 03:00 ::SET_CH1_AO_TYPE_CODE[01 06 01 21 00 00 B 83 C]; [01 06 01 21 00 00 B 83 C]; [44 ms]==>0K 午 03:00 ::SET_CH1_AO_TYPE_CODE[01 03 01 01 00 11 85 6]; [01 03 02 00 01 89 4]; [45 ms]==>0K 午 03:00 ::GET_CH1_AO_TYPE_CODE[01 03 01 01 00 15 FC]; [01 03 02 00 01 89 4]; [45 ms]==>0K 午 03:00 ::GET_CH1_AO_TYPE_CODE[01 03 00 61 00 01 D5 FC]; [01 03 02 00 01 89 4]; [45 ms]==>0K 午 03:00 ::GET_CH1_AO_FOR_SAFE[01 03 00 61 00 01 D5 FC]; [01 03 02 0F A0 8D CC]; [33 ms]==>0K 午 03:00 ::GET_CH1_AO_FOR_POWER[01 03 00 C1 00 01 D5 F6]; [01 03 02 0F A0 8D CC]; [33 ms]==>0K F ← 03:00 ::GET_CH1_AO_FOR_POWER[01 03 00 C1 00 01 D5 F6]; [01 03 02 0F A0 8D CC]; [33 ms]==>0K F ← 03:00 ::GET_CH1_AO_FOR_POWER[01 03 00 C1 00 01 D5 F6]; [01 03 02 0F A0 8D CC]; [33 ms]==>0K Save to path\log_report\ Log All Commands Export Commands Clear	D28 Firmware[A202] Configuration AO Host WDT Commands Log Summary About F#<03:00 :: OUTPUT_CH0_A0[01 06 00 00 BB 88 88 88]; [01 06 00 00 00 BB 88 88 88]; [44 ms]==>OK F# F# F# Configuration AO Host WDT Commands Log Summary About F#<03:00 ::SET_CH1_AO_TYPE_CODE[01 06 01 01 00 01 18 36]; [01 06 01 00 00 DB 82 (\$]; [01 06 01 21 00 00 DB 82 (\$]; [14 ms]==>OK F# F# F# F# Size:CH1_AO_SLEW_RATE[01 03 01 01 00 DB 32 (\$]; [01 03 02 00 01 79 84]; [45 ms]==>OK F# F# F# F# Size:CH1_AO_SLEW_RATE[01 03 01 01 D0 1D 5 FC]; [01 03 02 00 00 BB 84 41]; [29 ms]==>OK F# F# F# Size:CH1_AO_FOR_SAFE[01 03 00 C1 00 01 D5 F6]; [01 03 02 0F A0 BD CC]; [33 ms]==>OK F# F# Size:CET_CH1_AO_FOR_POWER[01 03 00 C1 00 01 D5 F6]; [01 03 02 0F A0 BD CC]; [33 ms]==>OK F# F# 03:00 ::GET_CH1_AO_FOR_POWER[01 03 00 C1 00 01 D5 F6]; [01 03 02 0F A0 BD CC]; [33 ms]==>OK F# F# 03:00 ::GET_CH1_AO_FOR_POWER[01 03 00 C1 00 01 D5 F6]; [01 03 02 0F A0 BD CC]; [33 ms]==>OK F# Save to path\log_report\ Log All Commands Export Commands Clear Export Commands <td>D28 Firmware[A202] Configuration AO Host WDT Commands Log Summary About F千 03:00 :: OUTPUT_CH0_AO[01 06 00 00 0B 88 8E 88]; [01 06 00 00 0B 88 8E 88]; [44 ms]==>OK F午 03:00 ::SET_CH1_AO_TYPE_CODE[01 06 01 21 00 00 D8 3C]; [01 06 01 21 00 00 D8 3C]; [44 ms]==>OK F千 03:00 ::SET_CH1_AO_TYPE_CODE[01 06 01 21 00 00 D8 3C]; [01 06 01 21 00 00 D8 3C]; [44 ms]==>OK F千 03:00 ::GET_CH1_AO_TYPE_CODE[01 03 01 10 00 11 D4 36]; [01 03 02 00 179 84]; [45 ms]==>OK F千 03:00 ::GET_CH1_AO_SLEW_RATE[01 03 01 21 00 01 D5 FC]; [01 03 02 00 00 B8 44]; [29 ms]==>OK F千 03:00 ::GET_CH1_AO_FOR_SAFE[01 03 00 61 00 01 D5 D4]; [01 03 02 0F A0 BD CC]; [33 ms]==>OK F千 03:00 ::GET_CH1_AO_FOR_POWER[01 03 00 C1 00 01 D5 FG]; [01 03 02 0F A0 BD CC]; [33 ms]==>OK</td>	D28 Firmware[A202] Configuration AO Host WDT Commands Log Summary About F千 03:00 :: OUTPUT_CH0_AO[01 06 00 00 0B 88 8E 88]; [01 06 00 00 0B 88 8E 88]; [44 ms]==>OK F午 03:00 ::SET_CH1_AO_TYPE_CODE[01 06 01 21 00 00 D8 3C]; [01 06 01 21 00 00 D8 3C]; [44 ms]==>OK F千 03:00 ::SET_CH1_AO_TYPE_CODE[01 06 01 21 00 00 D8 3C]; [01 06 01 21 00 00 D8 3C]; [44 ms]==>OK F千 03:00 ::GET_CH1_AO_TYPE_CODE[01 03 01 10 00 11 D4 36]; [01 03 02 00 179 84]; [45 ms]==>OK F千 03:00 ::GET_CH1_AO_SLEW_RATE[01 03 01 21 00 01 D5 FC]; [01 03 02 00 00 B8 44]; [29 ms]==>OK F千 03:00 ::GET_CH1_AO_FOR_SAFE[01 03 00 61 00 01 D5 D4]; [01 03 02 0F A0 BD CC]; [33 ms]==>OK F千 03:00 ::GET_CH1_AO_FOR_POWER[01 03 00 C1 00 01 D5 FG]; [01 03 02 0F A0 BD CC]; [33 ms]==>OK
Save to path/log_report/ Log All Commands Export Commands Classes Save to path/log_report/ Log All Commands Export Commands Classes Save to path/log_report/ Log All Commands Export Commands Classes Ext Log All Commands Export Commands Log All Commands	Save to path\log_report\ ✓ Log All Commands Export Commands Clear	Deconfiguration AO Host WDT Commands Log Summary About 年 03:00 :: OUTPUT_CH0_AO[01 06 00 00 0B B8 8E 88]; [01 06 00 00 0B B8 8E 88]; [44 ms]==>OK 年
configuration AO Host WDT Commands Log Summary About F# 03:00 :: OUTPUT_CH0_AO[01 06 00 00 0B B8 8E 88]; [01 06 00 00 0B 88 8E 88]; [44 ms]==>0K F# 03:00 ::SET_CH1_AO_TYPE_CODE[01 06 01 21 00 00 0B 32 C]; [01 06 01 21 00 00 0D 83 C]; [44 ms]==>0K F# 03:00 ::SET_CH1_AO_SLEW_RATE[01 06 01 21 00 00 0B 32 C]; [01 06 01 21 00 00 0D 83 C]; [44 ms]==>0K F# 03:00 ::GET_CH1_AO_SLEW_RATE[01 03 01 21 00 01 D4 36]; [01 03 02 00 0D 83 C]; [44 ms]==>0K F# 03:00 ::GET_CH1_AO_FOR_SHEW_RATE[01 03 01 2D 00 0D 5C C]; [01 03 02 00 0D 83 C]; [29 ms]==>0K F# 03:00 ::GET_CH1_AO_FOR_POWER[01 03 00 C1 00 01 D5 FG]; [01 03 02 0F A0 BD CC]; [33 ms]==>0K F# 03:00 ::GET_CH1_AO_FOR_POWER[01 03 00 C1 00 01 D5 FG]; [01 03 02 0F A0 BD CC]; [33 ms]==>0K F# 03:00 ::GET_CH1_AO_FOR_POWER[01 03 00 C1 00 01 D5 FG]; [01 03 02 0F A0 BD CC]; [33 ms]==>0K F# 03:00 ::GET_CH1_AO_FOR_MARE Export Commands Clear Save to path\log_report\ L Log All Commands Export Commands Clear	Configuration AO Host WDT Commands Log Summary About	Configuration AO Host WDT Commands Log Summary About 午午 03:00 :: OUTPUT_CH0_AO[01 06 00 00 0B B8 8E 88]; [01 06 00 00 0B B8 8E 88]; [01 06 01 01 00 01 18 36]; [42 ms]==>0K 午午 03:00 ::SET_CH1_AO_TYPE_CODE[01 06 01 21 00 00 D8 3C]; [01 06 01 21 00 00 D8 3C]; [44 ms]==>0K 午午 03:00 ::SET_CH1_AO_SLEW_RATE[01 06 01 21 00 01 D4 36]; [01 03 02 00 01 79 84]; [45 ms]==>0K 午午 03:00 ::GET_CH1_AO_TYPE_CODE[01 03 01 21 00 01 D5 FC]; [01 03 02 00 00 B8 44]; [29 ms]==>0K 午午 03:00 ::GET_CH1_AO_FOR_SAFE[01 03 00 10 00 1D 5D 4]; [01 03 02 0F A0 BD CC]; [33 ms]==>0K 午午 03:00 ::GET_CH1_AO_FOR_POWER[01 03 00 C1 00 01 D5 F6]; [01 03 02 0F A0 BD CC]; [33 ms]==>0K 午午 03:00 ::GET_CH1_AO_FOR_POWER[01 03 00 C1 00 01 D5 F6]; [01 03 02 0F A0 BD CC]; [33 ms]==>0K 午午 03:00 ::GET_CH1_AO_FOR_POWER[01 03 00 C1 00 01 D5 F6]; [01 03 02 0F A0 BD CC]; [33 ms]==>0K 午午 03:00 ::GET_CH1_AO_FOR_POWER[01 03 00 C1 00 01 D5 F6]; [01 03 02 0F A0 BD CC]; [33 ms]==>0K
<pre>F</pre>	F 03:00 :: OUTPUT_CH0_AO[01 06 00 00 0B 88 E88]; [01 06 00 00 0B 88 E88]; [44 ms]==>OK F 03:00 ::SET_CH1_AO_TYPE_CODE[01 06 01 01 00 01 18 36]; [01 06 01 01 00 01 18 36]; [42 ms]==>OK F 03:00 ::SET_CH1_AO_TYPE_CODE[01 03 01 01 00 01 D4 36]; [01 03 02 00 01 79 84]; [44 ms]==>OK F 03:00 ::GET_CH1_AO_SLEW_RATE[01 03 01 21 00 01 D4 36]; [01 03 02 00 01 79 84]; [47 ms]==>OK F 03:00 ::GET_CH1_AO_SLEW_RATE[01 03 00 10 01 D5 C1]; [01 03 02 00 00 88 44]; [29 ms]==>OK F 03:00 ::GET_CH1_AO_SLEW_RATE[01 03 00 61 00 01 D5 D4]; [01 03 02 0F A0 8D CC]; [33 ms]==>OK F 03:00 ::GET_CH1_AO_FOR_SAFE[01 03 00 C1 00 01 D5 F6]; [01 03 02 0F A0 8D CC]; [33 ms]==>OK F 03:00 ::GET_CH1_AO_FOR_POWER[01 03 00 C1 00 01 D5 F6]; [01 03 02 0F A0 8D CC]; [33 ms]==>OK Save to path\log_report\ □ Log All Commands Export Commands Clear	下午 03:00 :: OUTPUT_CH0_AO[01 06 00 00 0B B8 8E 88]; [01 06 00 00 0B B8 8E 88]; [44 ms]==>OK 下午 03:00 ::SET_CH1_AO_TYPE_CODE[01 06 01 21 00 00 D8 3C]; [01 06 01 21 00 00 D8 3C]; [44 ms]==>OK 下午 03:00 ::GET_CH1_AO_TYPE_CODE[01 03 01 00 01 D4 36]; [01 03 02 00 01 79 84]; [45 ms]==>OK 下午 03:00 ::GET_CH1_AO_SLEW_RATE[01 03 01 21 00 01 D5 FC]; [01 03 02 00 00 B8 44]; [29 ms]==>OK 下午 03:00 ::GET_CH1_AO_SLEW_RATE[01 03 01 21 00 01 D5 FC]; [01 03 02 0F A0 BD CC]; [33 ms]==>OK 下午 03:00 ::GET_CH1_AO_FOR_POWER[01 03 00 C1 00 01 D5 F6]; [01 03 02 0F A0 BD CC]; [33 ms]==>OK
Save to path\log_report\	Save to path\log_report\	
Exit	Exit	Save to path\log_report\ Clear
		Exit
+ 03:00 ::GET_CH1_AO_FOR_POWER[01 03 00 C1 00 01 D5 F6]; [01 03 02 0F A0 BD CC]; [33 ms]==>OK	+ 03:00 ::GET_CH1_AO_FOR_POWER[01 03 00 C1 00 01 D5 F6]; [01 03 02 0F A0 BD CC]; [33 ms]==>OK	+ 03:00 ::GET_CH1_AO_FOR_POWER[01 03 00 C1 00 01 D5 F6]; [01 03 02 0F A0 BD CC]; [33 ms]==>OK

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3. Switch to the Command Log tab and press "Export Commands". The program will display all the command data that has been operated and the corresponding command list file. The file path of the DCON module is in DCON Utility Pro \ dcon \.

OOM	=> GET_MODULE_NAME	tR5 Firmware[A106]	×
00M 500F 500P 500P 5021F 302 -025P -024P -024P -024S -024S -024S -024S -024S -024S -025S -024S -025S -024S -025S -024S -025S -024S -025S -024D -025S -024D -025S -024D -025S -024D -025S -024D -025S -024D -025S -024D -025S -024D -025S -024D -025S -024D -025S -024D -025S -024D -025S -024D -025S -024D -025S -024D -025S -025S -025S -025S -025S -025S -0030FA -0	<pre>-> GET_MODULE_NAME -> GET_MODULE_FIRMWARE -> GET_MODULE_CONFIG -> GET_MODULE_PROTOCOL -> SET_MODULE_ROTOCOL -> NEAD_DO -> READ_DO -> SET_DO_POWER_ON -> SET_DO_SAFE_VALUE -> GET_RESPONSE_DELAY_TIME -> GET_RESPONSE_DELAY_TIME -> GET_RESPONSE_DELAY_TIME -> SET_WDT_TIMER_ENABLE -> SET_WDT_TIMER_ENABLE -> READ_NDT_STATUS -> CLEAR_WDT_STATUS -> HOST_OK</pre>	tRS Firmware[A106] Configuration DO Host WDT Commands Log Info OUTPUT_DO ond = @021F we => 2 err = No Error READ_DO ond = @02 re = N0 Error re = 102 re = 10	×
		Save to pathlog_report Dog All Commands Clear	
		9:43 AM ::SET_WDT_TIMER_ENABLE[~0230FA]; [!02]; [22 ms]=>OK	ad

Modbus module command files are stored in DCON Utility Pro \ modbus \

	<u> </u>
**************************************	* tR5 Firmware[A106]
XXXXX = GET MODULE NAME	
XXXXX = GET MODULE FIRMWARE	Configuration DO Host WDT Commands Log Info
XXXXX = GET COMMUNICATE PARAMETER	GET MODILE NAME
XXXXX = GET_RESPONSE_DELAY_TIME	Gmd = 01 46 00 12 66 m rec = 01 46 00 72 60 30 00 14 E3 err = N 6 Error = = = 0.04 00 70 00 30 01 4 E3 err = N 6 Error = = = 0.04 00 00 00 10 00 00 00 00 00 00 00 00 00
**************************************	Gri_mODULE_FIRM WARE
00000 = OUTPUT CHO DO BIT	rec = 01 46 20 A1 06 00 D1 87
00000 = READ DO	err = No Error
00001 = OUTPUT CH1 DO BIT	GB1_COMMUNICATE_TARAMETER
00002 = OUTPUT CH2 DO BIT	rec = 01 46 05 03 06 00 00 00 01 00 00 A8 56
00003 = OUTPUT CH3 DO BIT	err = No Error
00004 = OUTPUT CH4 DO BIT	011_T_STORSE_DELAT_INTE cmd_=014635D277
00128 = READ DO SAFE VALUE	rec = 01 46 35 05 37 5E
00128 = SET DO SAFE VALUE	err = No Error
00160 = SET DO POWER ON	cmd = 01 05 00 00 FF 00 8C 3A
00160 = READ DO POWER ON	rec = 01 05 00 00 FF 00 8C 3A
00259 = SET WDT OVERWRITE	er = No Error
00259 = GET WDT OVERWRITE	cmd = 01 01 00 00 00 5 FC 09
00260 = SET WDT ENABLE	
00260 = GET WDT ENABLE	
00269 = READ WDT_STATUS	Save to pathWog_report Log All Commands Export Commands Clear
00269 = CLEAR_WDT_ALARM	
	Exit
**************************************	**
40484 = GET MODULE ADDRESS	9:57 AM ::GET_WDT_OVERWRITE[01 01 01 03 00 01 0C 36]; [01 01 01 00 51 88]; [46 ms]=>OK
40488 = SET WDT TIMER	
40488 = GET WDT TIMER	

4. Use the "Terminal Command Line" tool of DCON Utility Pro to select the module name according to the searched communication parameters. The relevant commands of this module will appear. Click the command name directly to test directly.

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B. Query module usage commands through Terminal Command Line

Tool.



- If the search process is completed in advance, then open the command line tool
- 1. Automatically load the $\ensuremath{\mathrm{I/0}}$ list searched by COM Port.
- 2. Select the module name, it will quote the correct communication protocol and parameters found, and list the commands used by the module. Customers do not need to consult the manual.

DCON Utility Pro PC V 4.0.0.1								,
₹ ▶ ॥ 🗄	СМД	I		FAQ				
-COM3:* - tDA1P1R1:00:6:0:N81:0 - 7028:01:6:0:N81:1	ID tDA1P1R1 7028	Address Baud Rat 0[00h] 9600 1[01h] 9600	e Checksum Disabled Disabled	Format Stat N,8,1 Rem N,8,1 Rem	note I/O [D note I/O [N	escription DCON]1*DI + 1*DO + 1*AC Iodbus RTU]8*AO (V/mA)	Comments Supported Supported	
		COM Port [Baud Rate [COM3 ~ 9600 ~	Protocol	DCON N,8,1-None Par	ity ~	Send	
		Checksum [Timeout [Disabled v 100 v ms	Address Select ID	0 ~ tDA1P1R1 tDA1P1R1		Sellu	
		Command Response	\$00M		7028			
		REL_MODULE_RI GET_MODULE_RI GET_MODULE_CC SET_MODULE_CC SET_MODULE_PR OUTPUT_CH0_AC OUTPUT_DO READ_CH0_AC OUTPUT_DO READ_DO SET_CH0_AO_RA GET_CH0_AO_RA GET_CH0_AO_RA	ME INFIG NFIG OTOCOL DTOCOL) NGE_SLEW NGE_SLEW WGE SLEW WGE OL	Î				
Clear		SET_CH0_AO_PO GET_CH0_AO_PO SET_DO_POWER	WERON ON SAFE VALUE	*	<		> ×	
LOM:3 Address:5[05h]	Baud Rate:9600	E	ort Commands		Clear	Sa	ve to path\log report\	

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3. Generate command list

For developers, use the "Export Commands" of the command line tool to generate the corresponding command table. The generated Modbus address reference table is especially useful for Modbus developer.

DCON Utility Pro PC V 4.0.0.1						
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E-COM3:* └DA1P1R1:00:6:0:N81:0 7028:01:6:0:N81:1	ID Addre tDA1P1R1 0[00f 7028 1[01f Terminal C	ss Baud Rate 9600 9600 pmmand Line Tool	Checksum Disabled Disabled	Format N,8,1 N,8,1	Status Remote I/C Remote I/C Modbus F	00259 = SET_WDT_OVERVRITE 00260 = SET_WDT_ENABLE 00260 = GET_WDT_ENABLE 00268 = SET_WODEUS_DATAFORMAT 00268 = GET_MODEUS_DATAFORMAT 00269 = READ_WDT_STATUS 00269 = CLEAR_WDT_ALARM
	Baud Rat	e 9600	~	Format	N,8,1-No	
	Checksur	n Disabled	~	Address	1	40000 = OUTPUT_CHO_AO 40000 = DEAD_CHO_AO
	Timeout	100	✓ ms	Select ID	7028	$40000 = \text{READ_CHO_LAST_AO}$ $40001 = \text{READ_CH_LAST_AO}$ 40001 = 0
	Comman	01 03 00 4	40 00 01			$40002 = 0UTPUT_CH2_AO$ $40002 = READ_CH2_LAST_AO$
	Response	01 03 02	00 00 <mark>B8 4</mark> 4			40003 = OUTPUT_CH3_AO 40003 = READ_CH3_LAST_AO
	GET_MOI GET_COI SET_COI GET_MOI SET_MOI SET_MOI READ_CC READ_CC READ_CC READ_CC READ_CC READ_CC READ_CC READ_CC	ULE_NAME DULE_FIRMWARE IMUNICATE_PARAN UNUNICATE_PARAN DULE_ADDRESS DBUS_DATAFORMA 0_AO 1_AO 2_AO 3_AO 4_AO 5_AO	METER METER .T T	^	下午 03:35 ::	40004 = READ_CH4_LAST_AO 40004 = OUTPUT_CH4_AO 40005 = READ_CH5_LAST_AO 40005 = OUTPUT_CH5_AO 40006 = READ_CH5_LAST_AO 40006 = READ_CH7_LAST_AO 40007 = READ_CH7_LAST_AO 40064 = READ_CH7_LAST_AO 40065 = READ_CH1_AO 40066 = READ_CH1_AO 40066 = READ_CH2_AO 40067 = READ_CH3_AO
Clear	READ_CH	6_AO 7_AO			<	4007) - RLBA_CID_AO 40068 - READ_CH4_AO 40070 - READ_CH5_AO 40070 - READ_CH6_AO 40071 - READ_CH7_AO
COM:3 Address:5[05h] Ba	ud Rate:96	Export Com	mands		c	40096 = SET_CHO_AO_FOR_SAFE 40096 - GFT_CHO_AO_FOR_SAFE

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Note 1: If related ma <u>https://ww</u> Note 2: Th	you use DCON Prot unuals and sample <u>w.icpdas.com/en/</u> e command line to	ocol to de e program <mark>'download</mark> ol progra	evelopprog sfromthe <u>/index.php</u> umcanalso	rams, p offic: <u>?root=</u> query	please downlo ial website <u>&model=&kw=P</u> modules that	oad PAC PACSDK% are no	CSDK and other CSDK and other CSDK and other CSDK and other and ot
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COM3:* DAIPIRI:00:6:0:N 7028:01:6:0:N81:1 Clear COM:3 Address:5[81:0 D Address tDA1P1R1 0[00h] Terminal Comm COM Port Baud Rate Checksum Timeout Command Response GET MODULE GET M	Baud Rate Checksu 9600 Disabled and Line Tool COM3 ~ 9600	m Format Status N,8,1 Remote J/O R	Descript [DCON] [Modbu TU re Parity [M Series 2 01 03 00 40 00 0 01 03 00 40 00 0	tion 1*DI + 1*DO + 1*AO s RTU]B*AO (V/mA) Send Send 01 85 DE]; [01 03 02 00 00 B8 - Cause to nathlan re	Comments Supported X	