





	2020-11-9	
	2020-11-4	1. IO 0 4 IO 5 7 M EU IO 2. M EU 0x5
	2020-11-4	



1.1		1
1.2		1
1.3		1
1.4		1
1.5		2
3.1	0x03	3
3.1.1		3
3.1.2		4
3.1.3		5
3.1.4		7
3.1.5		
3.1.6	IO	9
3.1.7		11
3.1.8		12
3.1.9		13
3.1.10		14
3.1.11		15
3.1.12		16
3.1.13		17
3.1.14		1
3.1.15		19
3.2	0x06	19
3.2.1		19
3.2.2		20
3.3	0x10	21
3.3.1	IO	21
3.3.2		22
3.3.3		23
3.3.4		24
3.3.5		25



1



1.1

1.2

1.3

1.4





1.5

1)

2)

3)

4)

5)

6)

7)

50

)



2

1. modbusTCP modbus
2. 16
3.
 - 1
 - 2 16bit
 - 3 32bit 2 16bit 16bit
 - 4 64bit 4 16bit 16bit
4. APU

3

3.1 0x03

- 1 0x0000
- 2 1
- 3 00 00 00 00 00 06 01 03 00 00 00 01

- 1 00 00 00 00 00 05 01 03 02 00 29

0x29





ID

ID 2

0xFF

1 00 00 00 00 00 06 01 03 00 2 00 01

1 00 00 00 00 00 05 01 03 02 00 02

2

--	--	--	--





ID

ID

(1) 0x0 3

(2) 2

(3) 4

(4) ID ID 16bit 16bit

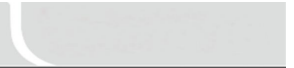
(5) 00 00 00 00 00 0B 01 10 0 3 00 02 04 00 00 00 01

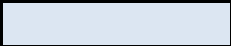
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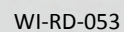
ID

1 00 00 00 00 00 06 01 10 0 3 00 02

R







10

1	0x b3 2227	0x0 bc 2236	IO
---	------------	-------------	----

10

$$2 \qquad 32 \qquad 2 \qquad 2$$

```
3          00 00 00 00 00 06  01  03  0 b3  00 02
```

0

[illegible]

10

```
1      00 00  00 00  00 07  01  03  04 00  00 00 00
```

0	10	32	00 00 00 00
---	----	----	-------------

[illegible]

1 0X0 db(2267)



2	0x01
3	00 00 00 00 00 06 01



3 2 00 00 00 06 01 03 0 dc 00 04

0 1

4 3 00 00 00 06 01 03 0 de 00 02

1

1 00 00 00 07 01 03 04 00 00 00 00

0 0

3 mm 1000 1mm

2

0 X, 1 Y, 2 Z, 3 U, 4 V, 5 W, 6 M7, 7 M

1 0x091c 0x092b (2347), 0x091c

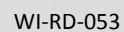
0 x 0x091e 1 Y

2 2 , 2 2 4 6

3 00 00 00 06 01 03 09 1c 00 02

0

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0 0

☐ ☐



00 00 00 05 01 03 02 03 25
0x0325

ms 4 4

- 1 0X95d(2397)
- 2 4
- 3 00 00 00 00 00 06 01 03 09 5d 00 04

- 1 0b 00 00



1 0X0961(2401)

2 4

3 00 00 00 00 00 06 01 03 09 61 00 04

1 00 00 00 00 00 0b 01 03 0 00 00 00 00 00 00 00 00

0

1 0X0965(2405)

2 1

3 `00 00 00 00 00 06 01 03 09 65 00 01

--	--	--	--



1 00 00 00 00 00 05 01 03 02 00 01

0x01

25 0

1

1 0X966 (2406) 0x096d (2413)

2

3 00 00 00 00 00 06 01 03 09 66 00 01

0



1 00 00 00 00 00 05 01 03 02 00 00

0 0

RPM 1

1 0x09 6 243 0x09 d 2445

2

3 00 00 00 00 00 06 01 03 09 6 00 01

0

1 00 00 00 00 00 05 01 03 02 00 00

0 0

|--|--|



1 0X09a6(2470)

2 1

3 0 1

4 00 00 00 00 06 01 03 09 a6 00 01

1 00 00 00 00 05 01 03 02 00 01

3.2

0x06

0 0xFFFF

0x06



1 4e 20

2

3 00 00 00 00 00 06 01 06 4e 20 00 01

1, ;

1 0 1000 0.0 100.0 0x03

1 0x4ee

2 0 1000

3 00 00 00 00 00 06 01 06 4e e 00 64

0x64 10.0



3.3 0x10

5 IO IO 32 2

IO

1 0x10

2 0x0 b3(2227) 0x0 bc(2236), IO 0x0 b3

0x0 b5 0x0 b4

3 IO 2 2

4 00 00 00 00 00 0B 01 10 0 b3 00 02 04 00 00 00 01

0 IO 0

IO

1 00 00 00 00 00 06 01 10 0 b3 00 02



IO IO 0

0 31 0 1 3

IO 0 3 IO 4 6 M 7 EUIO

0 31

0 1

1 0x10

2 0x4e5

3 3

4 00 00 00 0d 01 10 4e 5 00 03 06 00 00 00 01 00 01

0 1

1 00 00 00 00 06 01 10 4e 5 00 03



1000

2

16bit

0x03

1 0x4f4c (20300)~0x56d5 (22229)

2 2

3 1 00 00 00 00 00 0b 01 10 4f 4c 00 02 04 00 00 00 64

0 100

1 1 00 00 00 00 00 06 01 10 4f 4c 00 02

2 2 00 00 00 00 00 0b 01 10 4f 4e 00 02 04 00 00 00 64

1 100

3 3 00 00 00 00 00 0f 01 10 4f 4c 00 04 0 00 00 00 64 00 00 00 C

0 100 1 200



ID

ID

ID

100

1.

1 0x7532 (30002)~0x7534 (30004)

2 3

3 1 00 00 00 00 00 0b 01 10 75 32 00 03 06 00 64 00 06 00 23

ID 100

6

1,2,6

00 00 00 00 00 06 01 10 4f 4c 00 02

2.

256

(1) 0x7535 (30005)~0x9C40 (40000)

(2) 1 2

(3) 1 00 00 00 00 00 0b 01 10 75 35 00 1A 34 00 02 00 01 00 00 00 01 00 00 00 02 00 00 00 03 00

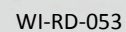


00 00 04 00 00 00 05 00 00 00 06 00 00 00 07 00 00 00 0 00 00 00 09 00 00 00 0A 00 00 00 0B 00 00 00 0C

2

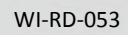


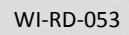


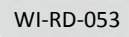
2



Å }

30

31

32





5 0x01 0x05



华成工控

