2022

NS05 ↓≠ L

V1.2

..... 1

1. 3

1.1 ŋ ɤ ḱ ɤ 3

1.1.1 ḱ .....

1.

ώ Ḡ ـ ĭ 3 380V ĭ ۱ 220V
غ └ ض ŋ

1.1 ŋ ﷺ ḱ ﷺ

1.1.1 ḱ

GC2

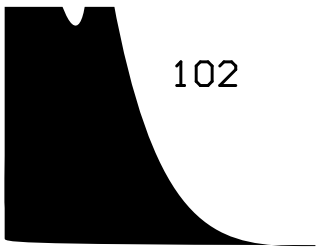


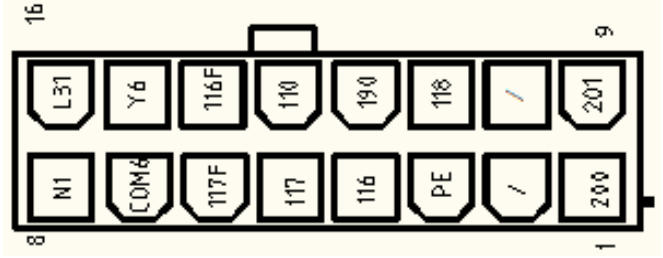
ﷺ 1.1 GC2-4 GND GC2-9 130

1.1.2 ŋ ﷺ غ ۱

1.1.2.1 ۱ ﷺ ,

T4 **GC3**





ﷺ 1.2 T4 ﷺ 1.3 GC3

ˆ ≠ └ MIO T4 غ GC3 ۱ ŋ ﷺ
T4 4 -102 GC3 4 -116 5 -117 6 -117F ŋ ۷ˆ

1.1.2.2

“ U “ ২ 1.3
└ MIO GC3 Ð “ 117F(6) 116F(14) ” U ˜
U ∞ ٦
ㅓ ঌ



২ 1.4

DX29: ŋ ঌ
DX30: ঌ
DX31: ╠
DX32: ㅓ ঌ

˜ ˷ ٦ ŋ ঌ ঌ

1.2 ĭ ĭ ˜

└ Ð D7 Ð ė ĭ ˜ ⌈ D7

D7

২ 1.5

1) Ð 5 BK2- ,10 (BK1+) L ₣ 10 BK1+
2)1 x15 ė 2 (x19) ĭ GND `E ĭ

3) ĭ ˜ ϩ ~ X15 ė x19

4) “ E-05 ” ĭ ĭ

L X1 ~ ė X2 ~ 5 ϒ

β X1 ė X2 ~ ќ ϩ

1.3 ă

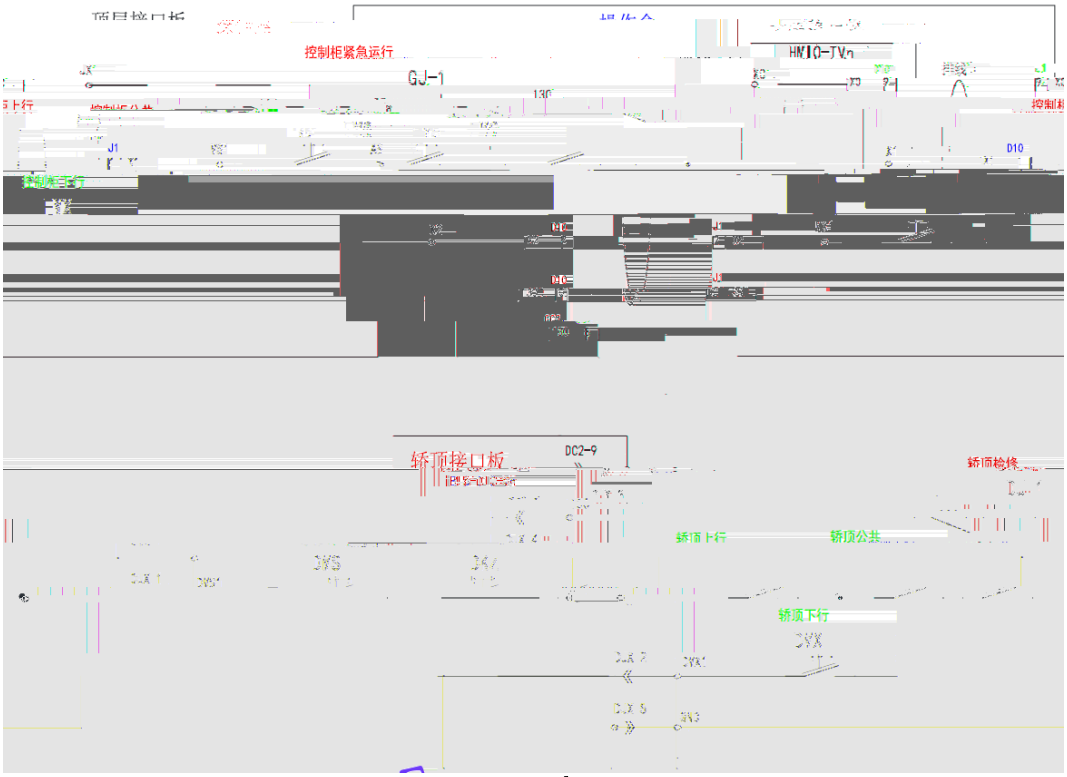
F5-00: “ 0 ”

F5-01: 60*D 4C4>]TJET EMC /P ≮MCIC BT/F6 10.56 Tf 0 0 1 255TJET EMC /

ė : < :

ä ╠ F5-10 ų ä FC-13: “ 0 ”
ﾊ β ضي ä ﾍ ä ő ä
U a h ƀ ﾏ ä w U ﾍ F5-10 ų
Ĩ ﾍ
F8-00: ﾏ ﾏ 1024 600
F8-01:PG ﻗﻤ “ 0 ”
ő U ﾍ DF-08

1.6 ḱ



ﻩ 1.6 ḱ ﻉ

ṗ ḱ w L ė ḱ w ḱ п ᾠ ϒ ᾠ
ḱ GND ė 130 L ḱ L X1
X2 ḱ
h h Ĩ ḱ F6-03
ḱ ضي ḱ ﻉ “ ID12 ”
ḱ
ḱ Ḥ ﾍ ~
“ ID13 ” ~ “ ID14 ”

1.7 ƀ

NS05 ƀ ﾉ ﻉ G CAN HMIO o
ƀ ﾌ ﾍ 24V GND C+ C- ﾌ
= 1 o ƀ 2 3
ƀ

2.

2.1 :

2.1.1 L r



ᄌᆞ 2.1 r

2.1 ~ ₹

≠	O		O		O		O	

~ Ḥ˝

2.1.5



ﾈ 2.5

2.2 ~

~			
ID0	╠ β ~	ID11	~
ID1	╠ ' β ~	ID12	ƙ ~
ID2	╠ ŋ ~	ID13	ƙ ~
ID3	╠ ѽ ~	ID14	ƙ ~
ID4	U β ~	ID15	~ '
ID5	U ' β ~	ID16	~ '
ID6	U ŋ ~	ID17	~ 1
ID7	U ѽ ~	ID18	~ 2
ID8	~	ID19	╠ Ḡ ~
ID9	٧ ~	ID20	U Ḡ ~
ID10	~		

ID19 ẹ ID20 BL2000-JDB-V6.4 ǐ ɣ

2.3 ₹

₹			
YD0	╠ ₹	YD3	U ₹
YD1	╠ ' ₹	YD4	U ' ₹
YD2	╠ ' ₹	YD5	U ' ₹

ض ṗ

2.1.6 o



ﻂﻳ 2.6 o

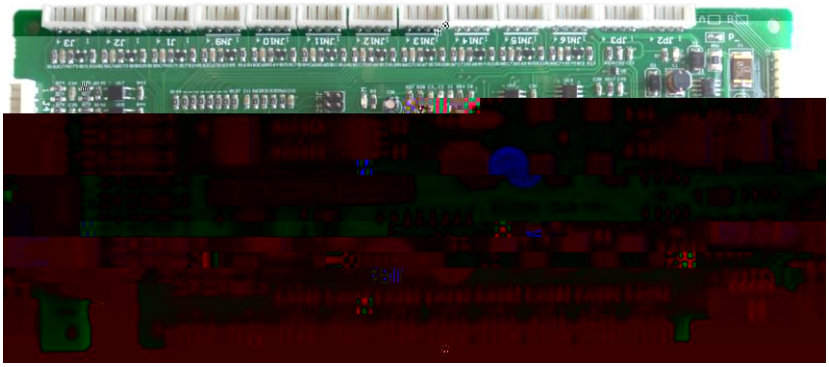
2.4 o

Y0	⌠ ₹ ˍ	Y2	ˍ ₹
Y1	ˍ ˀ ₹	Y3	ˍ ˀ ₹

ﺽﻲ ṗ

2.1.7 ṗ ɒ Ƈ 16 /6 ṗ ɒ

16 ɒ BL2000-ZLB-V6.1



6 ɒ BL2000-ZLB-H6

ﻂﻳ 2.7 ṗ ɒ

ﺽﻲ ṗ

2.5 ʌ Ḥ˝ ~

ʌ Ḥ˝	ṗ
C00	˝ 1 ~
C01	1 ~
C02	˝ 2 ~
C03	2 ~
C04	˝ β 2 ~
C05	β 2 ~
C06	˝ β 1 ~
C07	β 1 ~
C08	~

2.4 Q ӟ

Q ӟ ϒ ӟ ϰ β ΐ Q ϰ
β G β ⊥ ΐ ш

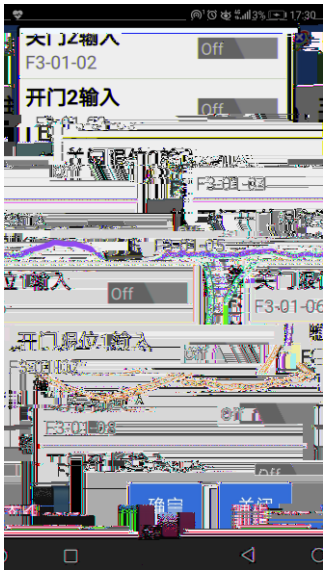
ﻩ 2.11

ӟ ض ƀ ك ’ Ӟ r ƀ

ă H-02 “ L1 ” U β “ L2 ”

ـ Q ӟ ╠ ӟ w ٦ ӟ w

ﾈ PC1 PC2 Ḥ ϒ ﾍ PC1 ﾄ
Ð KMV1 ⌠ β ~ Ḥ ~ ID0
GMV1 ˇ ⌠ β ~ Ḥ ~ ID1
GND ˇ ⌠ β Ḥ `E
ˇ ⌠ β ⋕ ⌠ β ID0 ⌠ β ID0 ˝
ˇ ⌠ β ID1 ˇ ⌠ β ID1 ˝
r ă



ﾈ 2.13

F3-01-06 ɇ F3-01-07 “ OFF ”

ˇ ⌠ β ⋕ ⌠ β ID0 ˝ ⌠ β ID0
ˇ ⌠ β ID1 ˝ ˇ ⌠ β ID1
r ă



ﾈ 2.14

F3-01-06 ɇ F3-01-07 “ ON ”

ˇ Ψ ⋕ ƀ
ϩ ˆ ϒ ă ă U3-00(ﾉ Ḥ)

ﾈ 2.15

U3-00 ǎ C06 ˇ ⌠ β Ḥ˜ C07

表 2.16

U3-00 C18 ◁ ◦ ◎ C18 ◎ ◎ C18 ◎
◎ C18 ◎ ◎ ◎ ◎ ◎
W
1 ◎ F3-01-18 ◎ ◎
2 ◎

2.7

1 ◎ ◎ ◎ ◎

1) ◎ ◎ ◎
2) ◎ ◎ ◎
3) Q ◎ ◎ ◎ ◎
4) Q ◎ ◎ ◎ ◎
5)
◎ ◎ ◎ ◎ ◎
◎

F1-10: 0.2: ◎ B1
F1-11: 0.2: ◎ B2
F1-12: 0.2: S P1
F1-13: 0.2: S P2
F1-14: 0.2: S P3
F1-15: 0.2: S P4
F1-04: 0.01: ◎
F2-13: 1.00: ◎
◎ ◎ ◎ ◎ ◎ ◎ ◎ ◎

100-300

كل ŋ كل

1) ɒ №

ѵ ɒ FC-07(₣ ∧ 30000) “ 30000-60000 ” ѵ

№ FC-08(₣ ∧ 15000) “ 15000-30000 ” ѵ

ỿ 30000 ɇ 15000 ∧

2 Ⅵ

FX-11: Ⅵ ₣ ∧ 3 Ќ

FX-64: Ⅵ Ќ 1(₣ ∧ “ 1000 ”) ѫ 100-2000: ỿ 1000

FX-65: Ⅵ Ќ 2(₣ ∧ “ 0 ”) ѫ 1000-4000: ỿ 2000

3 ϒ كل 1HZ ϒ كل

ϒ ɒ FA-02(₣ ∧ 10000) ỿ 5000

ϒ № FA-03(₣ ∧ 5000) ỿ 2000

4 ă̈

F6-00: “ 10 ”

Å U كل ṗ ˫

ѵ FX-63 ₣ ∧ ỿ “ 20 ” ѵ 20-40

ѵ ą F2-10: ₣ ∧ ỿ “ 0.8 ” ѵ 0.8-1.2

3 ت ضيخ

ت ضيخ ϩ ضر ˜ “ 1 ” ϒ

₴ ‰ Å ˜ ₇ ₴ ш h ∧

˜

2.8

U ˆ ϒ Ạ

ضي Ḡ 2 ˜ ضي ₴

1 F1-17 ₣ ∧ ỿ 50mm

ضي ضي ∧ ضي Å ₣ ϒ ɒ

10mm ϒ 6mm ⋮ 8mm ∧ F1-17=42 ōą ⌈ 2mm ∧

₣ ϒ ⌈ β ɒ ϒ 10mm, 6mm ѵ 8mm ∧ F1-17=58 ą

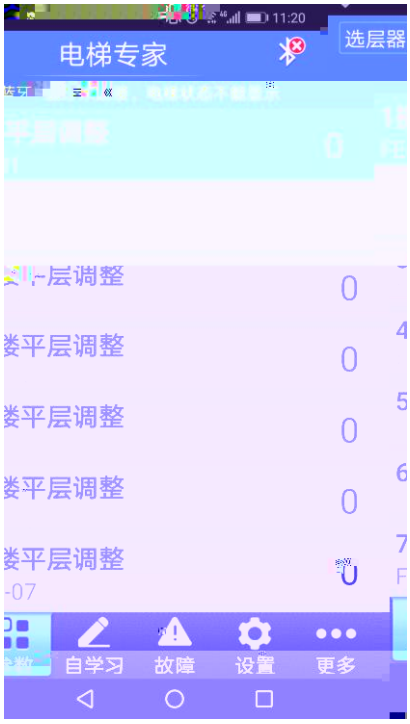
ϒ 2mm

F1-17 ă̈ w ضي ϒ ضي

F1-17 U ɢ U ˆ ą ⌈ ⌈

2 ₴ k

2



ㄓ 2.17

2.9

ˆ F0 ǎ
ɒ F0-05 ǎ ˆ 3 β F0-05 ⌈ F0-68 ǎ ⌈ 64 ǎ



ㄓ 2.18

2.10

ќ ќ F6-02(∢) ỵ 100% ќ F1-00 ỵ

2.11 L

2.11.1

 ╠ / U 0 ⌠ n ̂ ắ F1-22

n=0

n=1 1 ₇ ̂ ⌟ ƀ

n=2 2 ₈ ̂ ⌟ ƀ ᵖ

ₓ ᵕ ᵀ ṗ .

2.11.3 3

1) F1-22 “3” F4-06-18 “ON”
2) F4-04 F4-05
”ON” “OFF”
3) “1”

2.11.3.1 5

1) F1-22 “5”
2) F4-04 F4-05
”ON” “OFF”
3) “1”
”33”

2.11.3.2

2.21

2.7

	SW-1	SW-2	SW-1	SW-2
	OFF	OFF	ON	OFF

2.12

U ٦ˇ

1)ˇ ǎ D4

ﾝ 2.22

/ı r E

r Ü E

2.13.2 ʐ

2.8 ʐ ǎ

FD-26	ﻍ 40 50 ٧ β % №
FD-27	∓ ٧ ﻍ 30 130 ٧ β % №
F4-07-27	ON Ω └˗ ʐ W G “ ˥ ” !! 3 Ղ G G ↕ ˥ Ω˗ ʐ W
F4-07-30	˥ Ǔ ʐ ˥ W ǎ ۏ F4-07-27 ۏ ON Ω ʐ ˥ W U ǎ G ضِ “ ḱ ” ¬ Ǔ ʐ OFF ON Ǔ ʐ Ḡ ON ↕

└˗ ʐ ↕ “ ER39 ” └˗ ʐ ۏ
└˗ ʐ ˈP U ضِ “ ḱ ” ˈP¬ ˥ Ǔ ₃ └˗ ʐ

2.13.3

ɾ H-08 ǎ
˥ ʐ ɨ └˗ ʐ ٧ └ ▯ ∓ ⌠
ǎ ضِ ḱ ḱ ▯ ¨Ḥ Ḡ ∓ ٧
˥ ˥ ˜ ǎ ضِ ḱ ǎ ˥
ˈP ǎ 1 ˈP ḱ
H-08=1 ~
H-08=0 ∓

2.13.4 125%

ضِ Ạ 125% ╠ ۏ Ղ ₌ ẽ Ղ

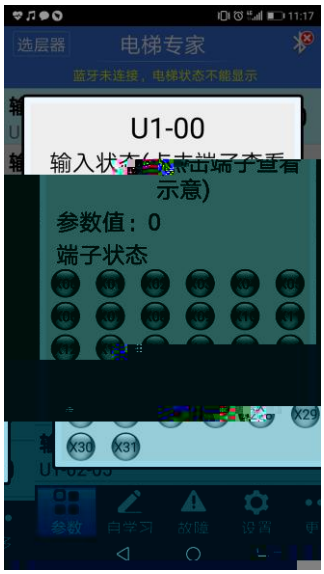
ضِ ’ ḱ ǎ
1) └˗ ʐ
FX-17: ˥ ʐ ḱ “ 195% ” ∓ ∧ ٧ 185%
FX-18: └˗ ʐ ḱ “ 195% ” ∓ ∧ ٧ 185%
ǎ ∧ U ˆ ḱ
2 F9-03: ﻍ ḱ 15-25% ∓ ∧ ٧ 5%
ǎ ḱ U ˆ 125%

˥ ḱ ǎ
1)ˆ ϒ ٧ ٧ F6-02 ٧ 100% ٧
ą ǐ : ٧ F1-10 ⌠ F1-15 ٧
2) ٧ F5-08 ٧ ٧ 2 ɾ

ḱ ǎ ш Ạ 125%
125% U ǎ ⌠ ∧

2.14 ~ ﺵ ∞

~ ﺵ ∞ ~ ∞
~ ă U1-00 ∞



ﺯ 2.24

ﻁ ă ~ Ĭ. ~ ﺩ

2.15 ω ~ X13 ė X14 ą

X13,X14 ω ~ X0-X23 23 ~
ă F3-02(X13) ė F3-03 X14 .
ﺩ : ḱ ~ X0 ﺵ ‰ X13 ϥ ă F3-02 “ 0 ” U X13 ḱ
~ ~ ↓ ω ﺩ X9 ω “ 9 ”
X13,X14 ∓ ﺽ ﺨ MIO T6 Ð

2.16 ω ∓ ﻙ Y6 ą

Y6 Ĭ ﺍ COM ∓ ﻙ
ﺩ MIO ∓ Y7 ﻙ ﺵ ă F3-09 “ 7 ” U Y6 ﻙ ω
∓ ﺡ
∓ ﻙ ω ﺩ ﺍ ﺩ ﻙ ﺍ Y9,ω “ 9 ”
Y6 Ĭ COM ∓ ﺽ ﺨ MIO T7 Ð

2.17

ﺭ ﺨ ą STO ė Ạ ﺓ
STO ė Ɣ H-15 ﺍ ~ ‰ ą STO ∓
~ H-15 “ UP ” “ SS-1 ” U 3 “ enter ” “ SS-On ”
~ STO ą “ ESC ” ↕ ḱ ƀ ŋ
ﻉ ﺍ ∓

2.18 r w :

1)H-01: ǐ h “ ” ṿ “ ” ṿ
2)H-02: Q ӟ
3)H-03: Ḥ̂ ضِ Ạ 125% “ 1 ”̂ Ḥ̂ ̂
̃ ắ Ḡ ₣ ۱ ۔ ﻉِ Ḥ̂
4)H-04: Ữ ̂ 30
5)H-05: ضِ ắ ﻛ ﻓﻬﻢ ǐ ╠ ̂ ӟ
6)H-06: L ̃ ắ L
7)H-07: ̃ L ắ ̂ ̃ ƀ
8)H-08: ã̂ “ 1 ”̂ ₣ ʒ̨ G Ạ
ắ ضِ ḱ ḱ ̈Ḥ Ḡ ₣ ۱ ۔
۔ ̃ ắ ضِ ḱ ắ ۔ ̇P
ắ “ 1 ”
9)H-09: w
10)H-10: β ắ ̂ β G Ạ ‖
‖ ﻛ Ạ ضِ ₣ β ḱ ą̣
11 H-11: ۸ β ắ ̂ ϒ ۸ ɇ ϖ G β
ắ “ _____ ” ۸ ɇ G β G Ạ
۸ ɇ ϖ G β ỳ G
12) H-12: ắ “ 1 ”̂ ۔ ʒ̨
13) H-13: ắ “ 1 ”̂ UCMP w
14) H-14: ̃ ⌠ β Ḥ̂ ~ ﻓﻬﻢ
15) H-15: ‰

2.19 ARD ǐ ۔ Å w

NS05 ↓ ≠ L ضِ ϡ
ARD ۱ ̈Ḥ ۔̂ U L ̈̈ψ ۔
Ƹ۔ ARD

2

1 AC220 ARD

2 Q1 U “ ” 2

3

4 “ ” “ ”

5 “ ” “ ”

6 1 №

1 **6** **8**

2 **8**

2.20

b

1 b

2 b

3

2.21

1)

2)

APP







ﻩ 2.25 APP

U ﻭ ﻱ ﻍ ﻙ ﻝ ﻑ ﺧﻲ ﺿ ﻝ

ﻩ 2.26

2.22 №

2.9 №

ﻉ		X31
		X30+X32
		U X30
		ﻉ ﻙ
		ﻉ ﻙ
		ﻍ β
		ﻉ ﻥ
	8	ﻙ Ḥ ﻍ

ﻱ ﻍ
ﻍ

2.9 **№**

		ˇ ǐ Ḥˇ
		ˇ ǐ Ḥˇ
		ɇ ˇ ǐ Ḥˇ
		ą ₣ STO ǐ
ᶎ ƀ		ą ₣ STO ǐ
Å ᷊ X13 X29 ~		ŋ ᷊
		Å ᶎ

ᛋ Ḥˇ

ᛋ

2

2.10 **№**
