

TGQ1NPL



1

TGQ1NPL
630A /

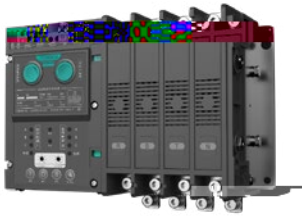
50Hz

AC230V/AC400V,

ATSE

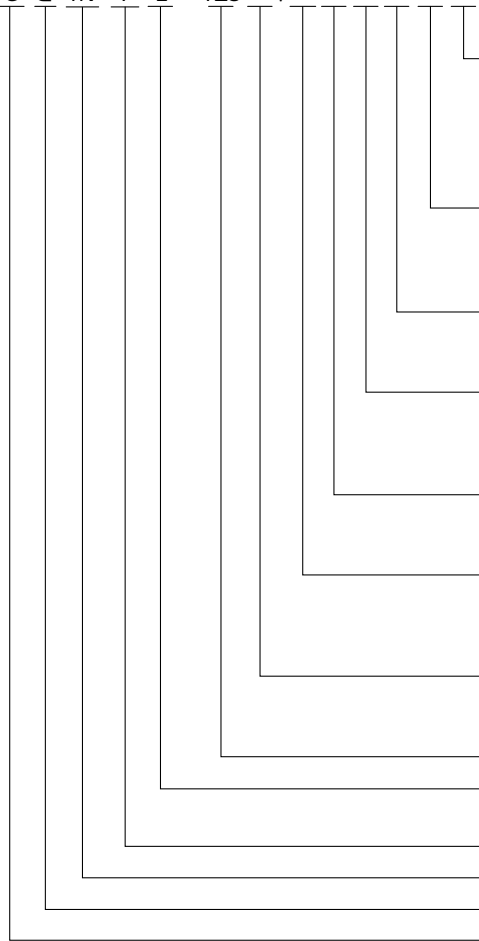
GB/T 14048.11

6-1



2

TG Q 1N P L - 125 /



63	16A	20A	25A	32A	40A	50A	63A
125	63A	80A	100A	125A			
250	125A	140A	160A	180A	200A		
	225A	250A					
630	250A	315A	350A	400A	500A	630A	

F

T

A:

B:

C:

Y

2

3

4

II

III

L

P PC

1N

63~250

63/125/250/630



TGQ1NPL

3

3.1

		TGQ1NPL- 63		TGQ1NPL- 125		TGQ1NPL- 250		TGQ1NPL- 630	
A		16A 20A 25A 32A 40A 50A 63A		63A 80A 100A 125A		125A 140A 160A 180A 200A 225A 250A		250A 315A 350A 400A 500A 630A	
II:	III:	II	III	II	III	II	III	II	III
AC230V/AC400V 50Hz									
(P)		2/3/4						3/4	
(Iq kA)		120							
AC230V ^A		3				4		6	
AC230V ^A		-	0.7	-	0.7	-	1	-	1.2
ms		75	100	75	100	75	100	120	150
AC-33A					AC-33B				
()		10000 *						6000 *	
()		30000 *						20000 *	
A	B	A/B/C	B/C	A/B/C	B/C	A/B/C	B/C	A/B/C	B/C
N m		2.5		10		12		28	
N m		3		15		18		33	
/ /									
s		A 0 30 B 0 240 C							
(V)		A/B() 165± 10% C(): 100 200 ± 10% C(): 200 300 ± 10%							
85% 110%									
II: III:									
		II:	I	II	III:	I	O	II	

(*)

TGQ1NPL

4

4.1	:	+40	+35
4.2	-35	~+70	
4.3		2000m	
4.4	+20	90%	+4
4.5	63	2	125
4.6		IV	
4.7			
4.8	400V	30mm	m

5

5.1	TGQ1NPL	ATSE
5.2	A B	ATSE
5.3	C	
5.4		

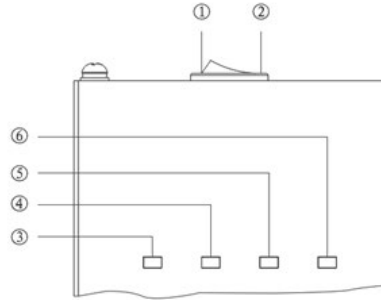
6

6.1)	"	OFF (II)
)	"	ON
6.2)	"	OFF (II)
)	"	
	ON		
6.3	(III	II
)	"	"
)		ON/OFF
1.			

TGQ1NPL

7

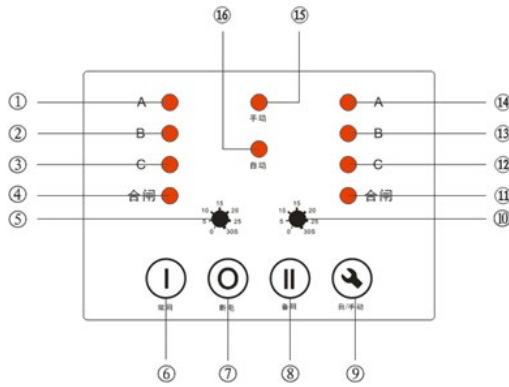
7.1 A



A

- 1
- 2 ()
- 3
- 4
- 5
- 6

7.2 B



B

- | | | | | | |
|---|---|---|-----|----|-----------|
| 1 | 2 | 3 | ABC | 10 | |
| 4 | | | | 11 | |
| 5 | | | | 12 | 13 14 ABC |
| 6 | | | | 15 | |
| 7 | | | | 16 | |
| 8 | | | | | |
| 9 | / | | | | |

TGQ1NPL

7.2.1

“ ” “ ” “ I ” “ II ” I “ A” “ B”
“ A” “ ”
“ B” I “ ” II
“ I ” “ B”

7.3 C

C
1 2 3 ABC
4
5 I
6
7
8 /
9
10 11 12 CBA
13 LCD

TGQ1NPL

7.3.1 C

“ II ” “ / ” “ | ”
 “ / ” “ | ”
 “ II ” “ / ” “ | ”
 “ O ” “ / ”
 10

7.3.2 C

1	u270		200 300	280
2	u165		100 200	165
3	n270		200 300	280
4	n165		100 200	165
5			0 240	001
6			0 240	001
7	q		0 240	005
8	d		0 240	005
9	P		0-90 0	030
10	E	AISE	0 1= 2=	000
11		(F/F1)	0 9	000
12	J		1 32	001
13	b		1 2400 2 4800 3 9600 4 19200	003
14	H		0 3 3 (0 2)	000

H=003

± 10V

7.3.3 C

F/F1 :

	0 8	
/ 1	0= 1= 2= 3= 4= 5= 6-AISE 7= 8= 9=	000

8

8.1 II

8.1.1 2

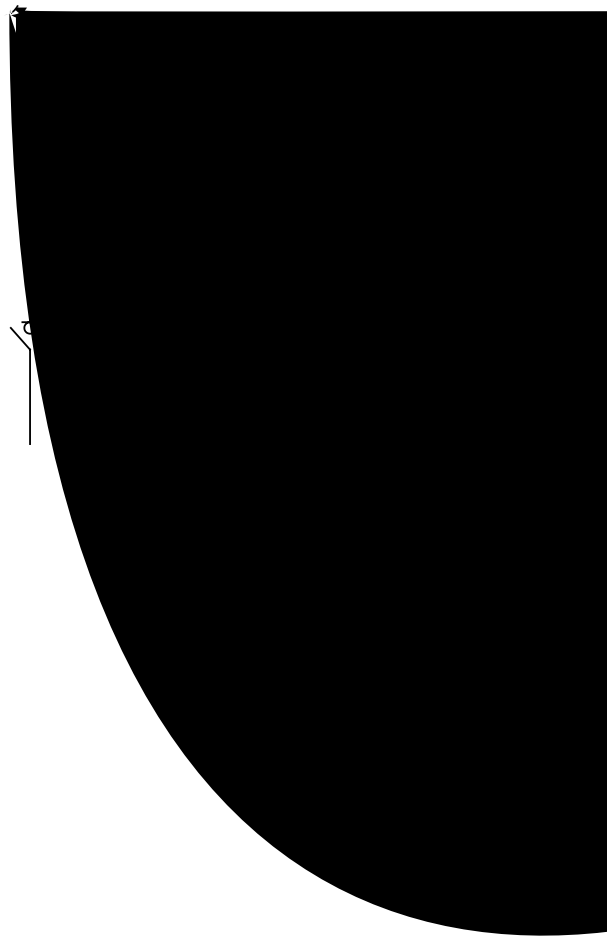
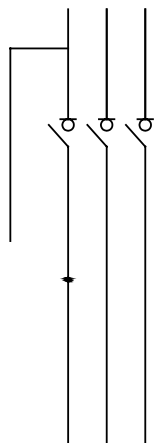
常用电源 I
N

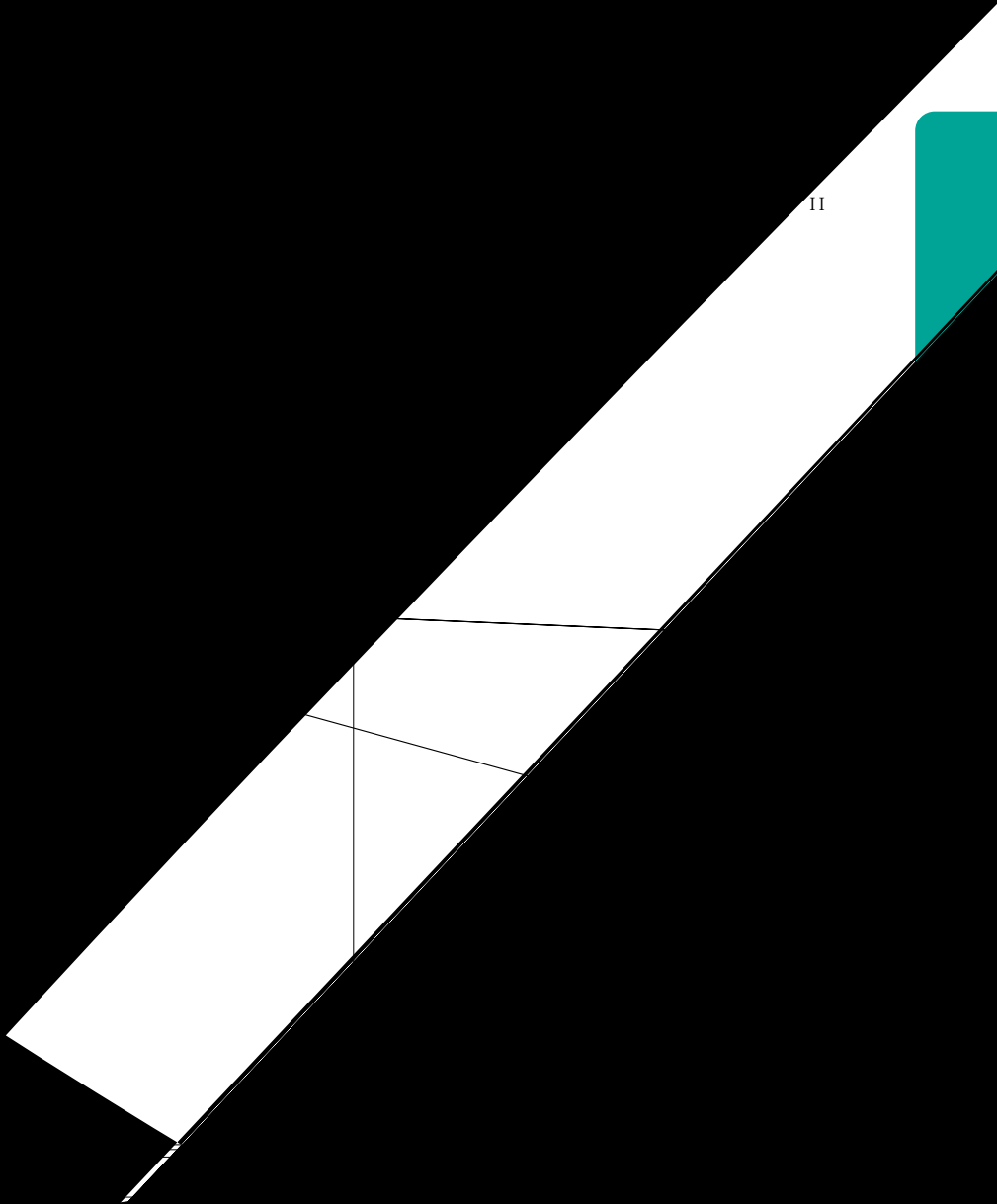
备用电

8.2.2

3

常用电源 I





TGQ1NPL

8.4 A C

8.5 B



/

N

A1 A N1

N

A2 A N2

TGQ1NPL

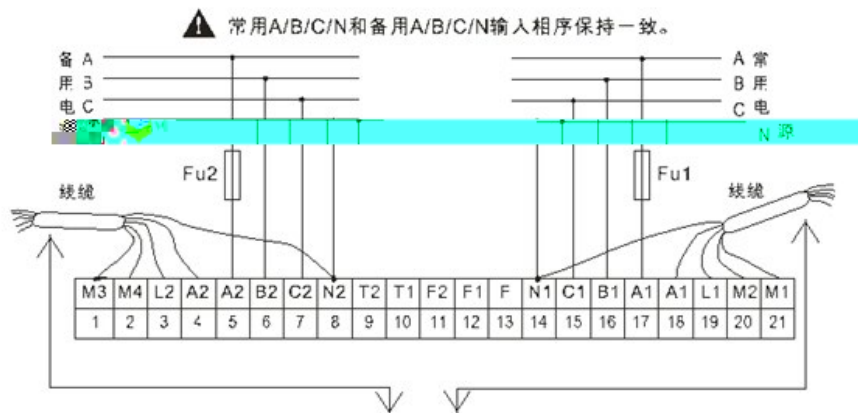
8.6 C

M3 M4
 L2
 A2 A
 A2 B2 C2 N2
 T1 T2
 F2 F1 F F1 F
 A1 B1 C1 N1
 A1 A
 L1
 M2 M1
 R- R+ DC9V- 36V
 GND R1
 485A 485B RS485 EGND

17-14 5-8

1(1- 32,) 9600bps

8.7 C



8.7

17 16 15 14 5 6 7 8

ABCN
 FU1 FU2 10A

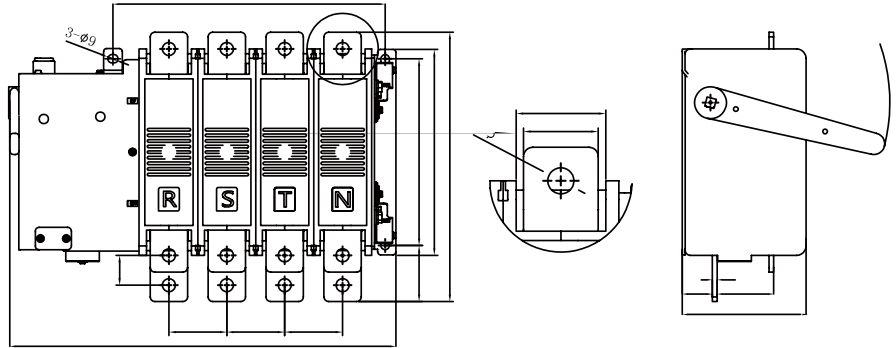
TGQ1NPL

9

A		A	B
63	2P	205	91
	3P	225	111
	4P	245	131

mm 30mm(400V) 60mm(690V)

TENGEN



(A)		A	B
630	2P	295	168
	3P	359	230
	4P	419	292

mm

30mm(400V) 60mm(690V)