

TGC1



1

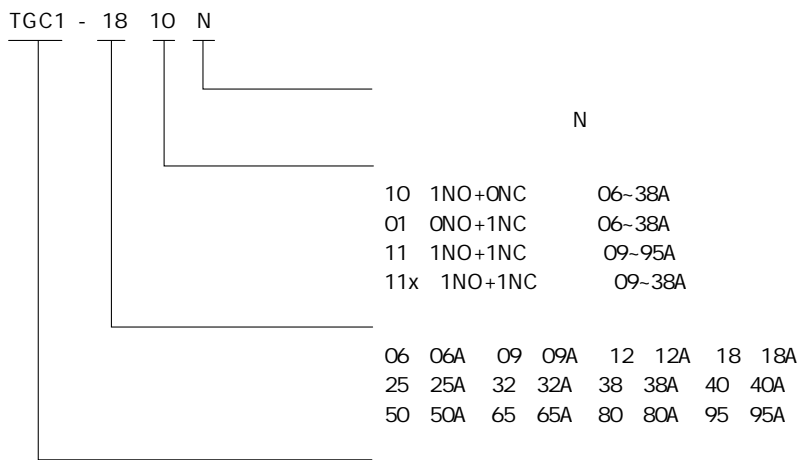
TGC1 60Hz) 690V AC-3 380V 50Hz(95A

GB/T 14048.4 IEC 60947- 4- 1



2

2.1



S-r', 5 % S-%d ', %d
 S-%d ', %d ž H 75! S-%% ', %%

2.2

DY _K 57! 'z', SJ	=Y 5			
		BC	B7	
		%	!	H 7% S*%S!
		!	%	H 7% S* S%!
	-	%	!	H 7% S-%S!
		!	%	H 7% S- S%!
		%	%	H 7% S-%!
	%&	%	!	H 7% %&S!
		!	%	H 7% %&S%!
		%	%	H 7% %&S!
	%	%	!	H 7% % %S!
		!	%	H 7% % S%!
		%	%	H 7% % %!
%&		%	!	H 7% & %S!
		!	%	H 7% & S%!
		%	%	H 7% & %!

TGC1

		H 7% !S*	H 7% !S-	H 7% !%&	H 7% !%	H 7% !&	H 7% !' &	H 7% !',	H 7% !(S	H 7% !)S	H 7% !*)	H 7% !, S	H 7% !-)	
	57' #\	%&SS						*SS						
	57(#\	' SS									%&S			
	#\	' *SS												
G7D8														
		FH! SS &S	FH! SS &S	FH! SS &S	FH! SS &	FH! SS (S	FH! SS' S	FH! SS' *	FH! SS' S	FH! SS' *	FH! SS' S	FH! SS' S	FH! SS' S	
		HF% %				HF% ',				HF% -)				
	% aa	%#(	%#(	%#(	%#(	%)#*	%)#*	%)#*	&)#&	&)#&	&)#&	(#)S	(#)S
	& aa	%#(%#(%#(%#(%)#*	%)#*	%)#*	&)#&	&)#&	&)#&	(#)#&	(#)#&	
	% aa	%#(	%#(	%#(	%#(	%)#*	%)#*	%)#*	&)#&	&)#&	&)#&	(#)S	(#)S
	& aa	%#&')	%#&')	%#&')	%#&')	%#(%#(%#(&)#&	&)#&	&)#&	(#)#&	(#)#&	
	% aa	%#(	%#(	%#(	%)#*	%)#*	%)#&	%)#&	&)#&	&)#&	&)#&	(#)S	(#)S
	& aa	%#(%#(%#(%)#*	%)#*	%)#*	%)#*	&)#&	&)#&	&)#&	(#)#&	(#)#&	
	B"A	S',				% &			'")					
	) S<n	'J5	+S				+S %&S			&S		&S	
	'K	'J5	+ -				&S							
	'K	'K	& ' %, &'+				& ' ' (* %&		* %&		
Ig	J	,)iIg %&iIg												
	J	&iIg +)iIg												
	5	%&												
	57! % J5	' *S												
	87! % 'K	'												
77 79														

H 7% S- ', %&CZ%B7

3.2

	J	' *	(,	%&	&&S	' , S	(SS	(%)
) S<n		7)					J)	B)
) S#* S<n		7+					J+	B+

TGC1

4

4.1 +40 - 35 +70 , - 5 +40 ;
- 5°

	(S	) S		*S		+S
	%	S''-,	S''-)	S''-'	S''+. +)	S''+)

4.2 ± 22.5

4.3 3

4.4 2000m

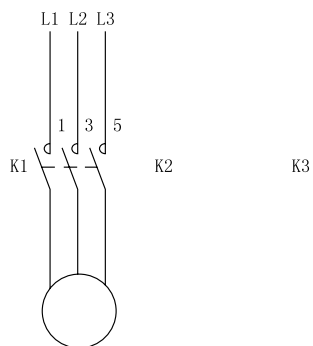
4.5 +70 50%
20 90%

4.6

5

1/3 1/3

5.1

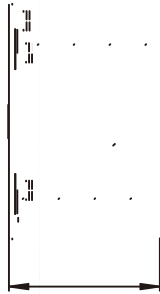


TGC1

5.2

' , SJ	=Y ' ' _K		%	%	%
_K	=Y 5	S') , =Y 5	?%	'	' ?'
	%%)		H 7% S- %\$	H 7% S- S%	H 7% S- S%
	%")	-	H 7% %\$	H 7% %\$%	H 7% S- S%
-	%")	%%	H 7% % \$	H 7% % S%	H 7% S- S%
%\$	&\$	%% *	H 7% % \$	H 7% % S%	H 7% S- S%
%%		%	H 7% % \$	H 7% % S%	H 7% S- S%
%	' S	%'	H 7% & \$	H 7% & S%	H 7% %\$%
%")	' +		H 7% & \$	H 7% & S%	H 7% % S%
			H 7% ' &\$	H 7% ' &\$%	H 7% % S%
	) S	&	H 7% ' &\$	H 7% ' &\$%	H 7% & S%
' S	*S	')	H 7% (S%	H 7% (S%	H 7% & S%
' '	*,	' -")	H 7% (S%	H 7% (S%	H 7% ' &\$%
' +		(S	H 7%) S%	H 7%) S%	H 7% ' &\$%
(S	+ -		H 7%) S%	H 7%) S%	H 7% (S%
	,)		H 7% *) %%	H 7% *) %%	H 7% (S%
) %	- ,		H 7% *) %%	H 7% *) %%	H 7% (S%
	%\$)	),	H 7% *) %%	H 7% *) %%	H 7% (S%
) -	%&		H 7% , S%	H 7% , S%	H 7%) S%
*'	%&-	*+ " -	H 7% , S%	H 7% , S%	H 7%) S%
	% ,	+ ,	H 7% -) %%	H 7% -) %%	H 7% *) %%

6.1 TGC1-06-38



mm

	5aU	6aU	7aU	8aU	9aU	U			
H 7% S*			+	%%	% %	' )	) S#*S	!	!
H 7% S- %		+%fl' L	, &fl +L	%Sfl&S')L	%(S	' )	) S#*S	!	!
H 7% & ',		, &')	- *fl-, L	% (	%) (	( S	) S#*S	!	!

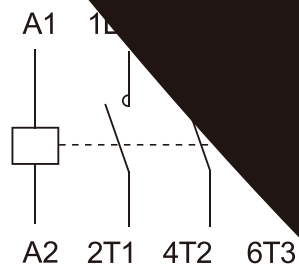
H 7% S- ', %BZ%B7

TGC1

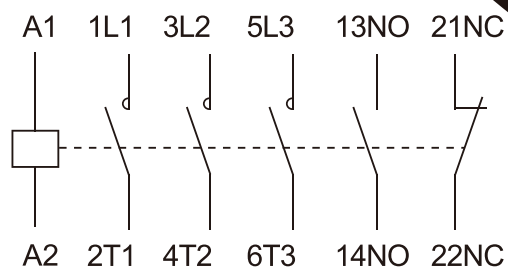
7

沪泽和制博动 EP1

TGC



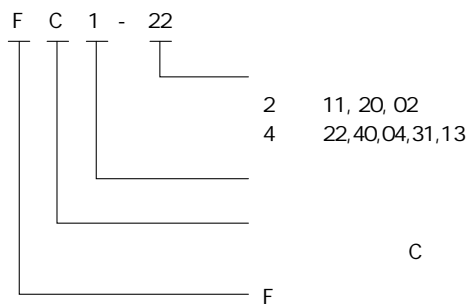
TGC1-09-95



TGC1

8

8.1 F1/FC1



8.1.1

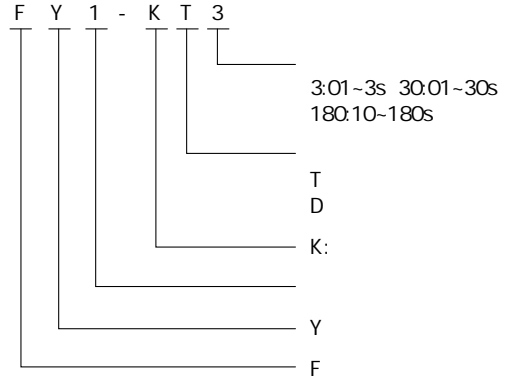
		%BCZ%B7	H 7% S* -)	: % %%			
		&BCZ&B7		: % &S			
		SBCZ&B7		: % S&			
		&BCZ&B7		: % &&			
		(BCZSB7		: % (S			
		SBCZ(B7		: % S(
		'BCZ%B7		: % ' %			
%BCZ B7	: % %						
		%BCZ%B7	H 7% S- -)	: 7% %%			
		&BCZ&B7		: 7% &S			
		SBCZ&B7		: 7% S&			

8.1.2

	&	(&
H 7% S*	%	%	#
H 7% S- -)	%	%	

TGC1

8.2 FY1



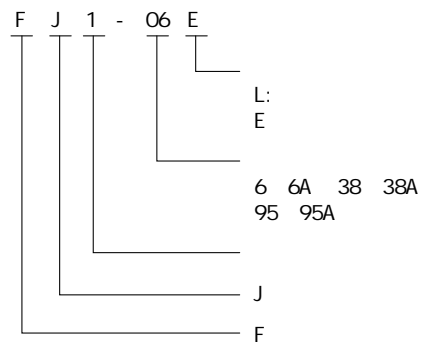
		%BCŽ%B7		S" % ' g S" % ' Sg %S % Sg	H 7% S* -)	: M3 ?H
		%BCŽ%B7		S" % ' g S" % ' Sg %S % Sg		: M3 ?H S
						: M3 ?H% S
						: M3 ?8
						: M3 ?8 S
						: M3 ?8% S

B#7

B#C

(Sagw % ag

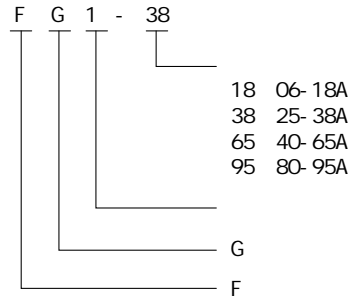
8.3 FJ1



		H 7% S*	: >% S*@	
		H 7% S- ',	: >% ', @	%BCŽ%B7
		H 7% (S -)	: >% -) @	
	Ž	H 7% S- ',	: >% ', 9	%BC %B7
		H 7% (S -)	: >% -) 9	

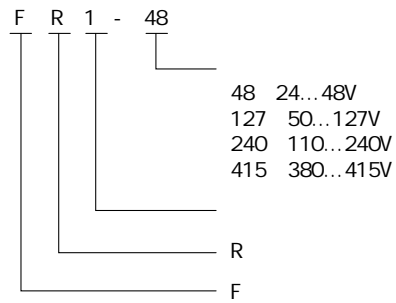
TGC1

8.4 FG1



	H 7% S* % 5	:; % %
	H 7% & ' , 5	:; % ' ,
	H 7% (S *) 5	:; % *)
	H 7% , S -) 5	:; % -)

8.5 FR1



8.5.1 " " 5%

8.5.2 3Uc 400Hz

8.5.3 1.2 2

			: F% (,
			: F% %&+
		H 7% S* -)	: F% & (S
			: F% (%)

TGC1

9			
.....J		', S	
.....J		* - S	
.....5		%\$	
		%\$=Y 57! % %Y 87! %	
		[; .%\$5	
		57! %	' , SJ S" -) 5
		87! %	&&&J S" % 5
	: M%	57! %	' , SJ S" -) 5
		87! %	&&&J S" % 5
		; 6#H % (S(, ") / = 97 * S - (+ !) ! %	
		777	
		=D&S	
aa		% (
		% (
		% (
		% &')	
		% (
		% (
		A' ")	
.....B" A		S' ,	

TGC1(120 630A)

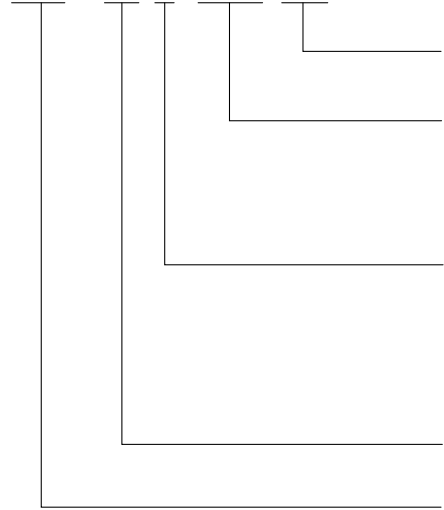


1

TGC1(120 630A)
 690V AC-3 380V 50Hz 60Hz
 400V(380V)AC-3 630A

2

TGC1 - 120 22 AC110 50Hz



50Hz 50/60Hz

120- 225A: AC110 AC127 AC 220 AC380
 265- 630A: AC/DC:110 127V
 AC/DC:220 240V
 AC/DC:380 415V

22 2 +2
 31 3 +1
 13 1 +3
 40 4 +0
 04 0 +4

120/160/185/225/265/330/400/500/630

TGC1

3

	%&S5#%# S5#%) 5#&& 5#&# 5# ' S5#(SS5#) SS5#*' S5
1]	%&SSJ
&&)	%&S#%&#&&S# , SJf) S<nL
	%&S %&#J &&S &(SJ ' , S (% Jf) S#* S<nL
	777#79#76

TGC1(120 630A)

4

4.1

20% 40%



TGC1



CJ20

20%



CJX2F

40%

4.2 400 630

5

5.1

+35

- 35

+70

- 5

+40

24h

+40

	(S	)S	*S	+S
	%	S'', +)	S'' +)	S'' * &

TGC1(120 630A)

5.2 +20 +40 90% 50%

5.3 2000m 2000m

flaL	&SSS	' SSS	(SSS
	%	S" . .	S" +,
	%	S" - &	S" - S

5.4 3

5.5

5.6 IP00

IP20

5.7

± 5°

5.8 - 25 +55 24h +70

TGC1(120 630A)

6

		H 7% %&S	H 7% % S	H 7% %)	H 7% &&)	
5	&&SJ#& SJ	57!'	%&S	% S	%)	
		57! (% S	%)
	' , SJ#(S&S)	57!'	%&S	% S	%)	
		57! (% S	%)
	**SJ#* - SJ	57!'	, *	%S+	%S+	%&
		57! (%S+
5		&S&				
J		%&S&				
_J		%&				
		%&y =Yf57! ' L %&y =Yf57! (L				
		, y =Yf57! ' L %&y =Yf57! (L				
=e _5		) S			
fl_KL	&&SJ#& SJ	' +			*	
	' , SJ#(S&S)			- S	%&S	
	**SJ#* - SJ	, S	%&S	%&S	%&S	
fl L (S&S)	57!'	%&S				
	57! (%)			%	
aa	' , SJ#(S&S)	%				
	**SJ#* - SJ	')				
		*S&				
		[: &&([: ' %)		
		>FC& %)	>FC& % S	>FC& (S&		
) S<n	J5	) S&			
	J5	) S			
		fl) 1 %&L L g				
		fl&S +) 1 L L g				

TGC1(120 630A)

		H 7% ' S	H 7% ' ' S	H 7% (SS	H 7%) SS	H 7% *' S
5	&&SJ#& SJ	57! ')		' ' S	(SS) SS	*' S
		57! ()		' ' S	' ' S	) SS
	' , SJ#(SSJ	57! ')		' ' S	(SS) SS	*' S
		57! ()		' ' S	' ' S	) SS
	**SJ#* - SJ	57! ')	%&S	')	' S')'	(SS
		57! ()	% +	%&S	')	' S')'
5		' %	' , S	() S	*' S	+SS
J		%&SS				
_J		%&				
		%&y =Yf157! ' L %&y =Yf157! (L				
		, y =Yf157! ' L %&y =Yf157! (L				
=e _5		) S				
fl_KL	&&SJ#& SJ		- S	% &	%& S	&&S
	' , SJ#(SSJ	% &	%&S	&&S	' S	' ')
	**SJ#* - SJ	%&S	&&S	' SS	' ')	') S
fl L (SSJ	57! ')	, S				
	57! ()	% &	%	S" *		
aa	' , SJ#(SSJ	%	&S			
	**SJ#* - SJ	')	(S			
		*SS				
		[; (SS		[;) SS	[; *' S	[; , SS
		>FC& (SS			>FC& *' S	
) S<n	J5	+SS			, SS	
	J5	&S			&S	
		fl)1 %&L1 g				
		f%& +)1L1 g				

TGC1(120 630A)

9

		H 7% %&S &&	H 7% &*) (SS	H 7%) SS *' S
		%#&	%#&	%#&
	aa	%\$ %S	)S &S	)S &S
	aa	&y '	' Sy)	(Sy '
B' a		A%\$' '(B" a		
	% aa	% (
	& aa	% (
	% aa	% (
	& aa	% &')		
	B' a	A' ") ' ' S", B' a		