



TGM1NL

A

TGM1NL

2.1

2.2

左装

右装

				TGM1NL-125/160		TGM1NL-250/320		TGM1NL-400/630/800	
				4P	3P	4P	3P	4P	
200	300								
208	308								
210	310								
220	320								
230	330								
240	340								
250	350								
260	360								
270	370								
218	318								
228	328								
238	338								
248	348								
268	368								
278	378								

3.2 4

(A)		+30		(A)
		1.0In() (h)	1.3In() (h)	
16 In 63	1	1	6In± 20%	
63 In 800	2	2	8In± 20%	
16 In 800	1.0In() (h)	1.2In() (h)	12In± 20%	
	2	2		

*
40A 40A
+40

3.3 5

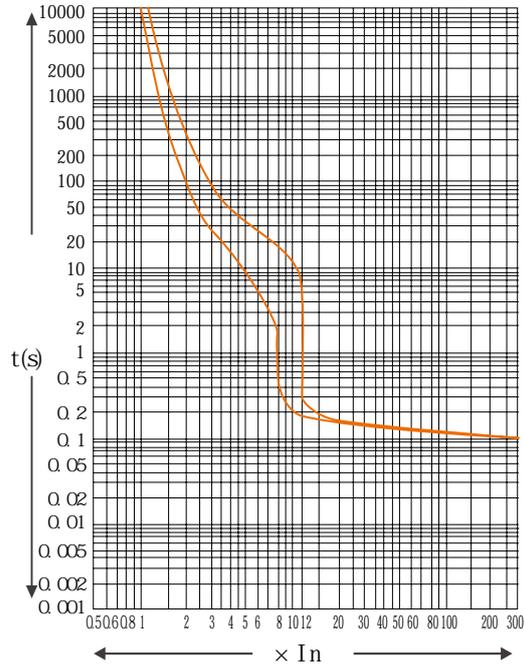
	In	2In	5In ^(a)	10In ^(b)
(s)	0.2	0.15	0.04	0.04
: In 30mA				
(a) In 30mA	5In 0.25A			
(b) (a) 0.25A	10In 0.5A			

3.4 6

(s)	In (s)	2In		5In (s)	10In (s)
		(s)	(s)		
0.06	0.2	0.06	0.2	0.15	0.15
0.1	0.3	0.1	0.3		
0.3					
0.3					
0.3					
0.3					
0.3					
0.3	Ü S	Ü			

TGM1NL

3.5 TGM1NL /



3.6

7

	A	m	W		
			3/4		
TGM1NL-125	125	0.72	28	31	32
TGM1NL-160	160	0.4	60	87	89
TGM1NL-250	250	0.2	63	90	90
TGM1NL-320	320	0.19	65	95	98
TGM1NL-400	400	0.15	68	72	100
TGM1NL-630	630	0.14	180	190	200
TGM1NL-800	800	0.11	200	230	290

3.7

8

A	12	20	25	32	50	65	85	115	150	175	225	250	275	350
	20	25	32	50	65	85	115	150	175	225	250	275	350	400
mm ²	2.5	4	6	10	16	25	35	50	70	95	120	150	185	240

A	mm ²		mm × mm	
400 500	2	150	2	30x5
500 630	2	185	2	40x5
630 800	2	240	2	50x5

TENGEN

TGM1NL

5

5.1

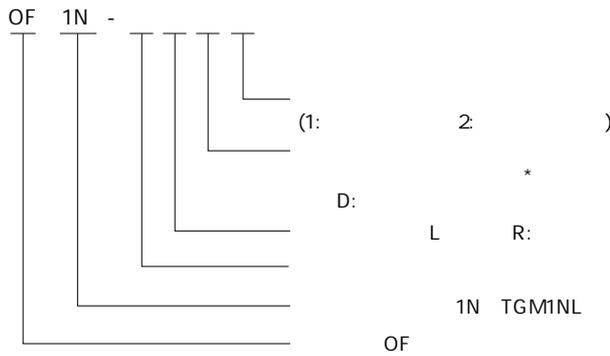
12

CF	1N	-	160	L	D	A2
CF:	1N TGMNL		160(125) 250 320 400 630 800	L R	D	A1 AC220/230/240V A2 AC380/400/415V D1 DC24V D2 DC110V D3 DC220V
SD						
MN						
MK						

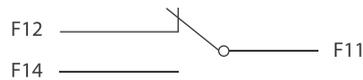
5.1.1 OF



ON OFF /



* TGMNL-125 160 50cm
TGMNL 250 (1CNIOFF) CF1N-250RD2



" "



" "

13

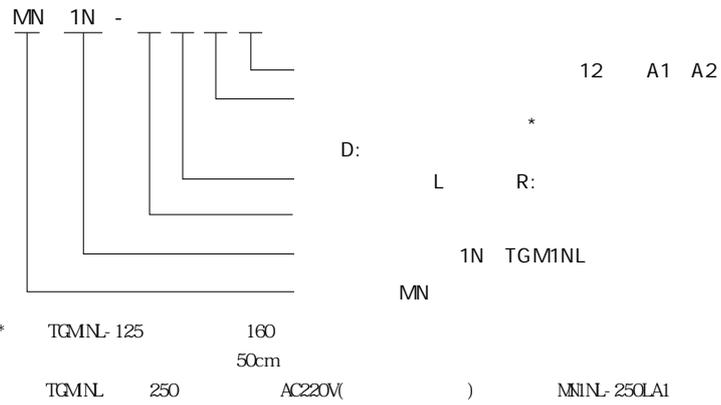
I _{th}	I _{rm} 320A		I _{rm} 400A	
	3A		6A	
	AC-15	DC-13	AC-15	DC-13
	0.3A	0.15A	1A	0.15A

TGM1NL

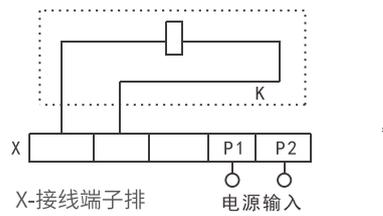
5.1.2 MN



- a 35% - 70%
- b 85% - 110%
- c 35%
- *



* TGMNL- 125 160 50cm
 TGMNL 250 AC220V() MNIN- 250LA1



	mA		W	
	AC415V	AC230V	AC415V	AC230V
TGMNL-125/160	9.95	15.55	4.55	3.82
TGMNL-250/320	10.88	15.83	4.85	3.92
TGMNL-400	9.5	11.2	3.8	2.83
TGMNL-630/800	5.4	7.75	2.7	1.85

TGM1NL

5.1.3 SD



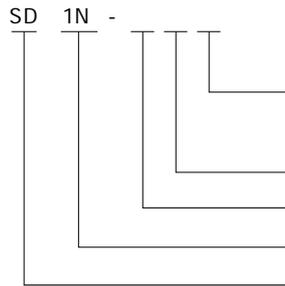
OFF

Trip

ON

•
•

•
• /



D:

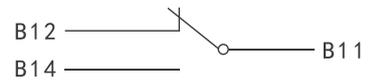
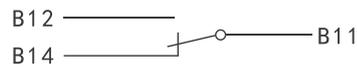
L

R:

1N TGM1NL

SD

* TGMNL- 125 160
50cm
TGMNL 250 () SDINL- 250L



" " " "

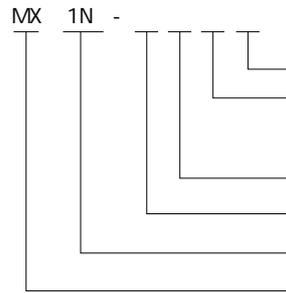
15

I _{th}	I _{nm} 320A		I _{nm} 400A	
	3A		6A	
	AC-15	DC-13	AC-15	DC-13
	Q. 3A	Q. 15A	1A	Q. 15A



70% - 110%

Us



D:

L

R:

12

1N TGM1NL

MX

* TGMN- 125

160

50cm

TGMN- 250

DC220V(

)

MK1NL- 250LDB

*

K-

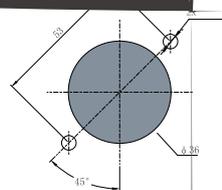
○ ○
电

DC24V

U: DC24V	1.5mm ²	2.5mm ²
AC220/230/240V	150m	250m
AC380/400/415V	100m	160m

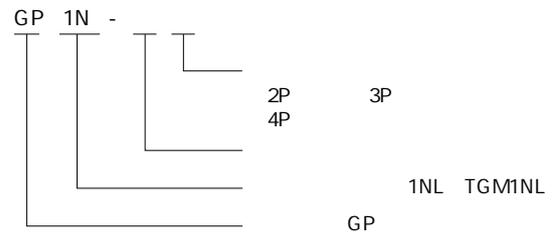
* KA DC24V

1A



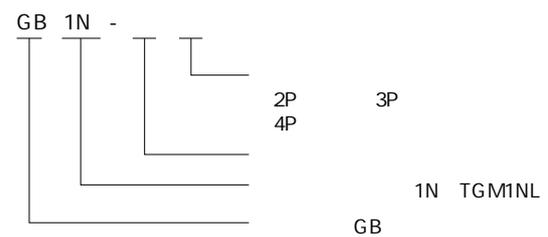
TGM1NL

5.2.3 GP



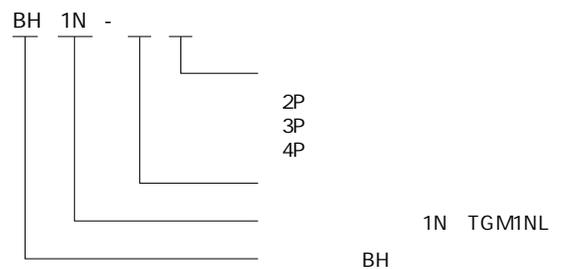
* TGMNL-125 160
TGMNL 250 3P GP1NL-2503P

5.2.4 GB



* TGMNL-125 160
TGMNL 250 3P (2 4 6) GB1NL-2503P

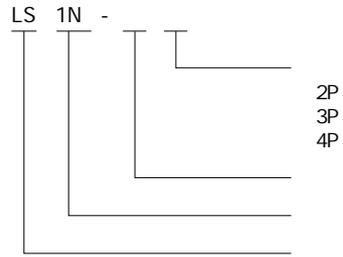
5.2.5 BH



* TGMNL-125 160
TGMNL 250 3P BH1NL-2503P

TGM1NL

5.2.6 LS



1N TGM1NL
LS

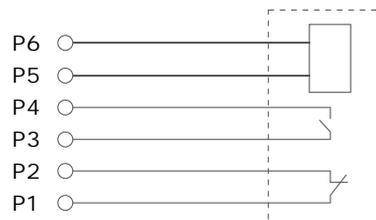
* TGMNL-125 160
TGMNL 250 3P

LS1NL-2503P

5.3



AC220/230V AC380/400V DC24V



P5-P6:
P1-P2 P3-P4: AC230V 5A

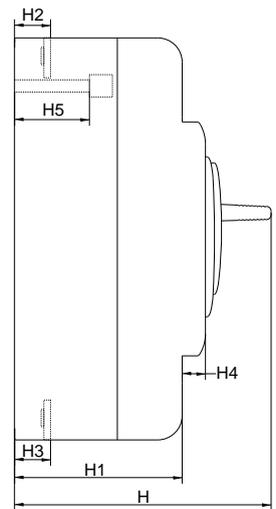
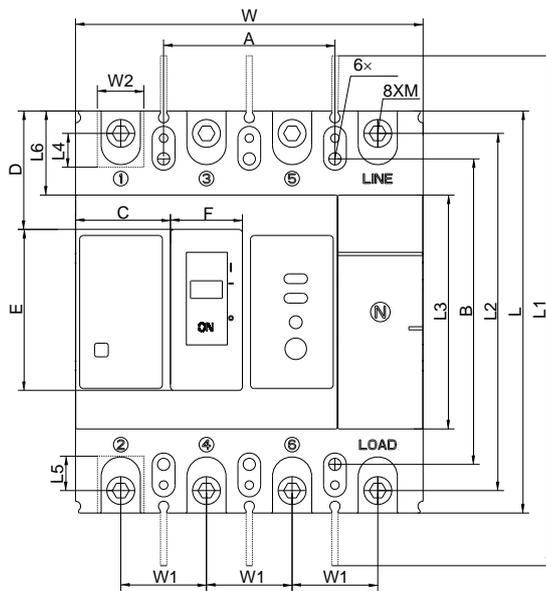
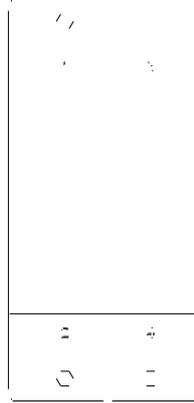


TGM1NL

7

21

22



TGM1NL

7.1

21

21

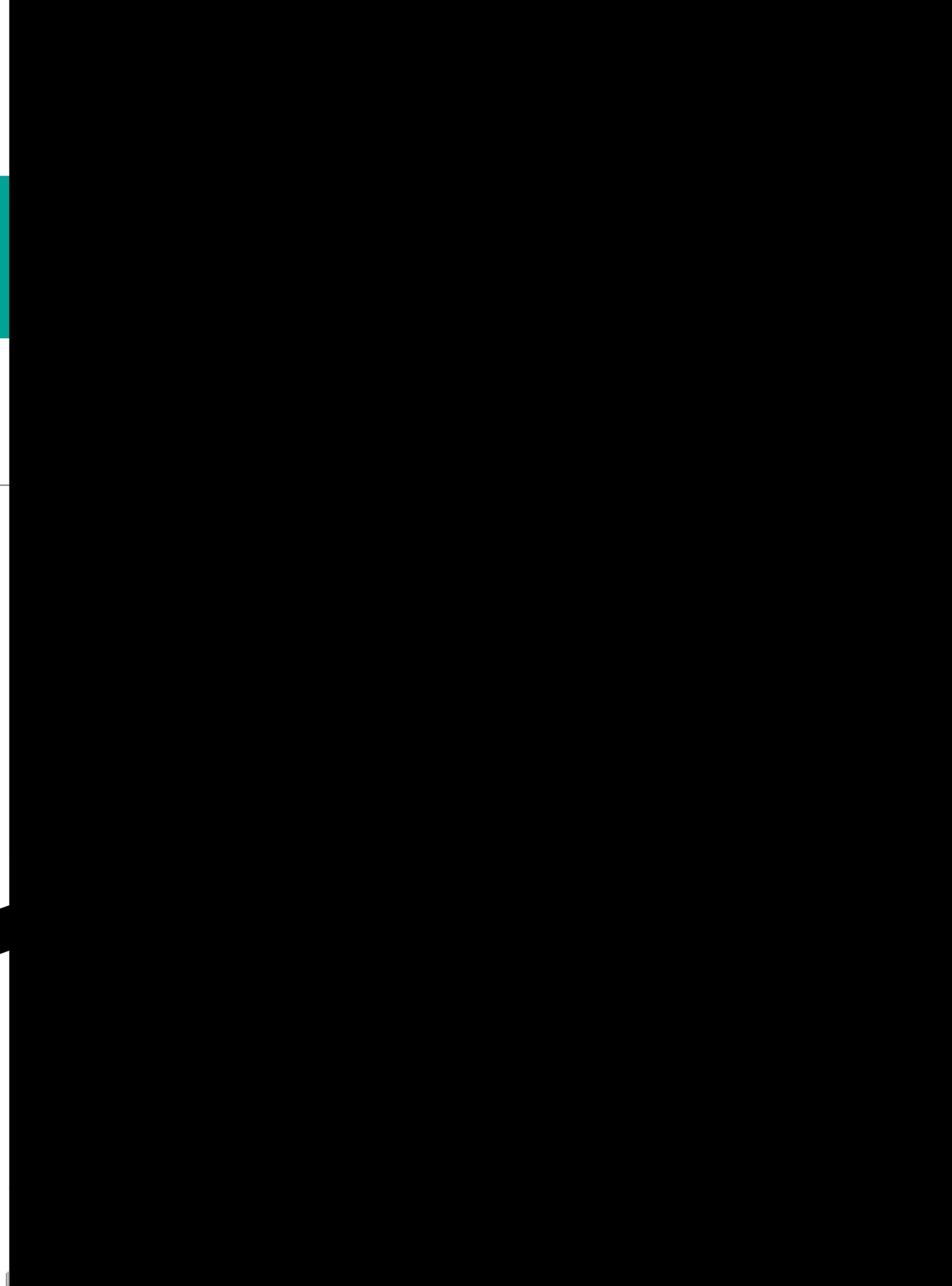
			(mm)					(mm)						
			W	L	L1	H	H1	C	D	E	F	L3	L6	H4
TGM1NL-125/160	L	2P	62	151	265	103	64	3	41	69	26	97	27.5	12
		3P	93	151	265	103	64	33	41	69	26	97	27.5	12
		4P	123	151	265	103	64	33	41	69	26	97	27.5	12
TGM1NL-125/160	M	2P	62	151	265	118	82	3	41	69	26	97	27.5	12
		3P	93	151	265	118	82	33	41	69	26	97	27.5	12
		4P	123	151	265	118	82	33	41	69	26	97	27.5	12
TGM1NL-250/320	L	2P	78	165	302	103	69	9	49	66	29	97	35	10
		3P	107	165	302	103	69	39	49	66	29	97	35	10
		4P	142	165	302	103	69	39	49	66	29	97	35	10
TGM1NL-250/320	M	2P	78	165	302	119	85	9	49	66	29	97	35	10
		3P	107	165	302	119	85	39	49	66	29	97	35	10
		4P	142	165	302	119	85	39	49	66	29	97	35	10
TGM1NL-400	L M	3P	150	257	469	154	98	46	71	110	59	155	51	15
		4P	198	257	469	154	98	46	71	110	59	155	51	15
TGM1NL-630/800	L M	3P	210	280	497	160	103	75	83	105	60	176	52	15
		4P	280	280	497	160	103	75	83	105	60	176	52	15

7.2

22

22

			(mm)							(mm)				
			H2	H3	W	W2	L2	L4	L5	M	A	B		H5
TGM1NL-125/160	L	2P	25	25	30	18	133	8.5	8.5	M8	/	129	5	28
		3P	25	25	30	18	133	8.5	8.5	M8	30	129	5	28
		4P	25	25	30	18	133	8.5	8.5	M8	60	129	5	28
TGM1NL-125/160	M	2P	29	29	30	18	133	8.5	8.5	M8	/	129	5	28
		3P	29	29	30	18	133	8.5	8.5	M8	30	129	5	28
		4P	29	29	30	18	133	8.5	8.5	M8	60	129	5	28
TGM1NL-250/320	L	2P	25.5	24.5	35	26	147	13.8	13.8	M8	/	126	5	44
		3P	25.5	24.5	35	26	147	13.8	13.8	M8	35	126	5	44
		4P	25.5	24.5	35	26	147	13.8	13.8	M8	70	126	5	44
TGM1NL-250/320	M	2P	21.5	21.5	35	26	147	13.8	13.8	M8	/	126	5	60
		3P	21.5	21.5	35	26	147	13.8	13.8	M8	35	126	5	60
		4P	21.5	21.5	35	26	147	13.8	13.8	M8	70	126	5	60
TGM1NL-400	L	3P	38.5	38	48	33	224	14.5	14.5	M10	44	194	8	67
		4P	38.5	38	48	33	224	14.5	14.5	M10	94	194	8	67
TGM1NL-400	M	3P	39.5	38	48	33	224	14.5	14.5	M10	44	194	8	67
		4P	39.5	38	48	33	224	14.5	14.5	M10	94	194	8	67
TGM1NL-630/800	L M	3P	41	41	70	45	243	15.5	14.7	M12	70	243	7	70
		4P	41	41	70	45	243	15.5	14.7	M12	140	243	7	70



TGM1NL

8

a)

b)

c)

d)

d)

2

f)

	TGM1NL-125	A	L	
100A		100mA/300mA/500mA		200
	TGM1NL-125L/3N300A 100A 100mA/300mA/500mA 200			

TGM1NL

9

9.1

TGM1NL	A	125	M	P	G	3W	300	10	2	A	T	125A	100/300/500mA	0.2s	AC220V	B	YW			
TGM1NL	AC	125: 125A 160: 160A 250: 250A 320: 320A	125A/160A L: 35KA M: 50KA			1N IP+N 2 3	2	00 08 10 20		A·N , N		" 3"	" 3"		AC220/230V 240/AC380V 400/415V		G: SR	:		
A " A"		400: 400A 800: 800A	250A/320A L: 35KA M: 50KA	- P	- C	3N 4	3	30 40 50 60	- Z	B·N N (N)	- T			" 5"	DC24V DC110V DC220V	B-	HB YW DW			
		400A: L: 50KA M: 75KA		- Z ()			70 18 28 38	+ + + +		C·N N (N)										
		800A: L: 50KA M: 75KA					48 + 68 +	+ + +		D·N , N										
							78 +	+ +												

TGM1NL

9.2

OF	1N	125	L	D	A2
OF:	1N: TGM1NL	125 160 250 320	L:	:	: A1: AC 220/230/240V A2: AC380/400/415V
SD:		400 800	R:	D:	D1: DC24V D2: DC110V D3: DC220V
MV:					
MK:					

9.3

CD2	1N	125	A2	
AH:	1N: TGM1NL	125 160 250 320	A1: AC220/230/240V A2: AC380/400/415V	: 2P
RH:		400 800	D1: DC24V D2: DC110V D3: DC220V	: 3P
CD2:				: 4P
GP:				
GB:				
BH:				
LS:				