ｸﾞﾛｰﾊﾞﾙﾏﾙﾁﾀｯﾌﾟ単相絶縁ﾄﾗﾝｽ（GMTT）
400V ｼﾘｰｽﾞ

形式　　：STN0.2 S004 D06611BB
STN0.4 S003 D06621BB
STN0.63 S004 D06641BB
STN0.8 S005 D06651BB
STN1.0 S005 D06661BB
STN1.3 S006 D06671BB
STN1.6 S006 D06681BB
STN2.0 S003 D06691BC
STN2.5 S002 D06701BA

1 一般事項

1.1	適合規格	IEC/EN61558, UL5085-1, UL5085-2 CSA22.2 No.66.1-06, CSA22.2 No.66.2-06
1.2	適用規格	IEC/EN60204-1, JISB9960-1, NFPA79, UL508A
1.3	周囲温度 開放	-25/40℃(但し、結露しないこと)
1.4	電線接続部	端子台
1.5	絶縁ｸﾗｽ	B 種 (135℃)
1.6	保護構造(端子部)	IP20
1.7	巻線方式	複巻
1.8	絶縁剤塗布方法	真空含侵方式
1.9	接続電線ｻｲｽﾞ(mm^2)	

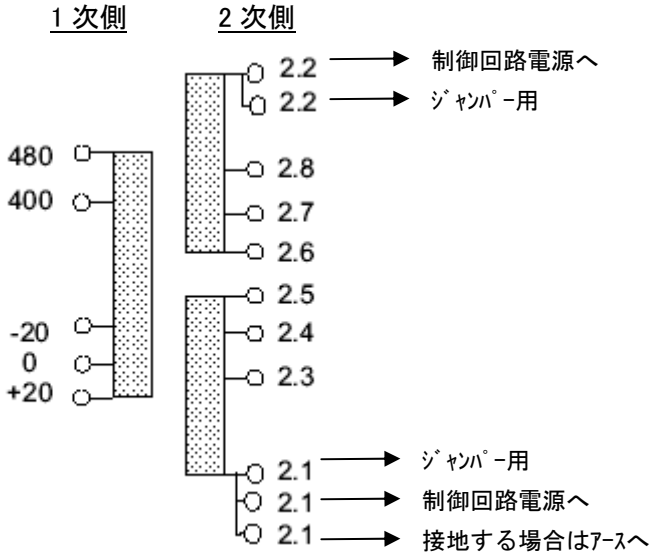
ﾄﾗﾝｽ形式	1 次側	2 次側	端子	備考
STN0.2-S004 D06611BB	0.5-4	0.5-4	ｽﾌﾟﾘﾝｸﾞ式	1端子に1本接続 電線被覆剥き長さ 9-10mm
STN0.4-S003 D06621BB	0.5-4	0.5-4		
STN0.63-S004 D06641BB	0.5-4	0.5-4		
STN0.8-S005 D06651BB	0.5-4	0.5-4		
STN1.0-S005 D06661BB	0.5-4	0.5-4		
STN1.3-S006 D06671BB	0.5-4	0.5-4		
STN1.6-S006 D06681BB	0.5-4	0.5-4		
STN2.0-S003 D06691BC	0.5-4	0.5-4		
STN2.5-S002 D06701BA	0.5-4	0.5-10	ネジ式	2 本接続の場合は最大 1 段階差まで 電線被覆剥き長さ 10-11mm 端子締付けﾄﾙｸ 0.5- 4 mm^2:0.6 Nm 0.5-10 mm^2:1.2 Nm

2. 電気仕様

2.1	定格容量		3 項ご参照下さい
2.2	定格周波数		50/60Hz
2.3	標準付属ﾀｯﾌﾟ	**1次側**	0V±20V, 400V, 480V
		対応可能 1 次電圧	**380V, 400V, 420V (415V), 460V, 480V, 500V**
		2 次側	2. 1～ 2. 8 ﾏﾙﾁﾀｯﾌﾟｼﾞｬﾝﾊﾟｰ型 **100V,110V,120V,200V,210V,220V,230V,240V**

注意 2 次側より取れるのは 1 電圧のみです

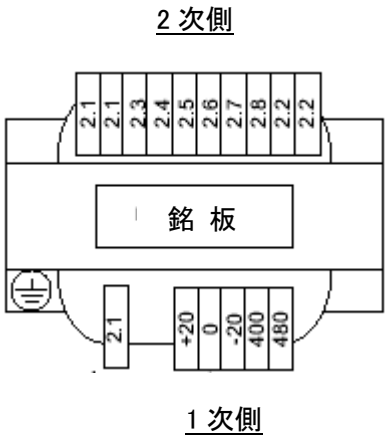
2.4 端子配列(STN0.2 – STN2.0)



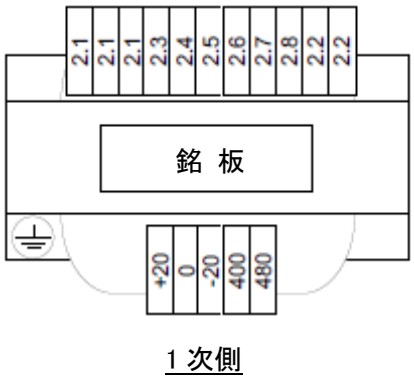
出力V	ｼﾞｬﾝﾊﾟｰ結線
100	2.1-2.8 / 2.2-2.3
110	2.1-2.7 / 2.2-2.4
120	2.1-2.6 / 2.2-2.5
200	2.3-2.8
210	2.3-2.7
220	2.4-2.7
230	2.4-2.6
240	2.5-2.6

出力:2.1 (0V) – 2.2 間
ｼﾞｬﾝﾊﾟｰ用配線は付属しません

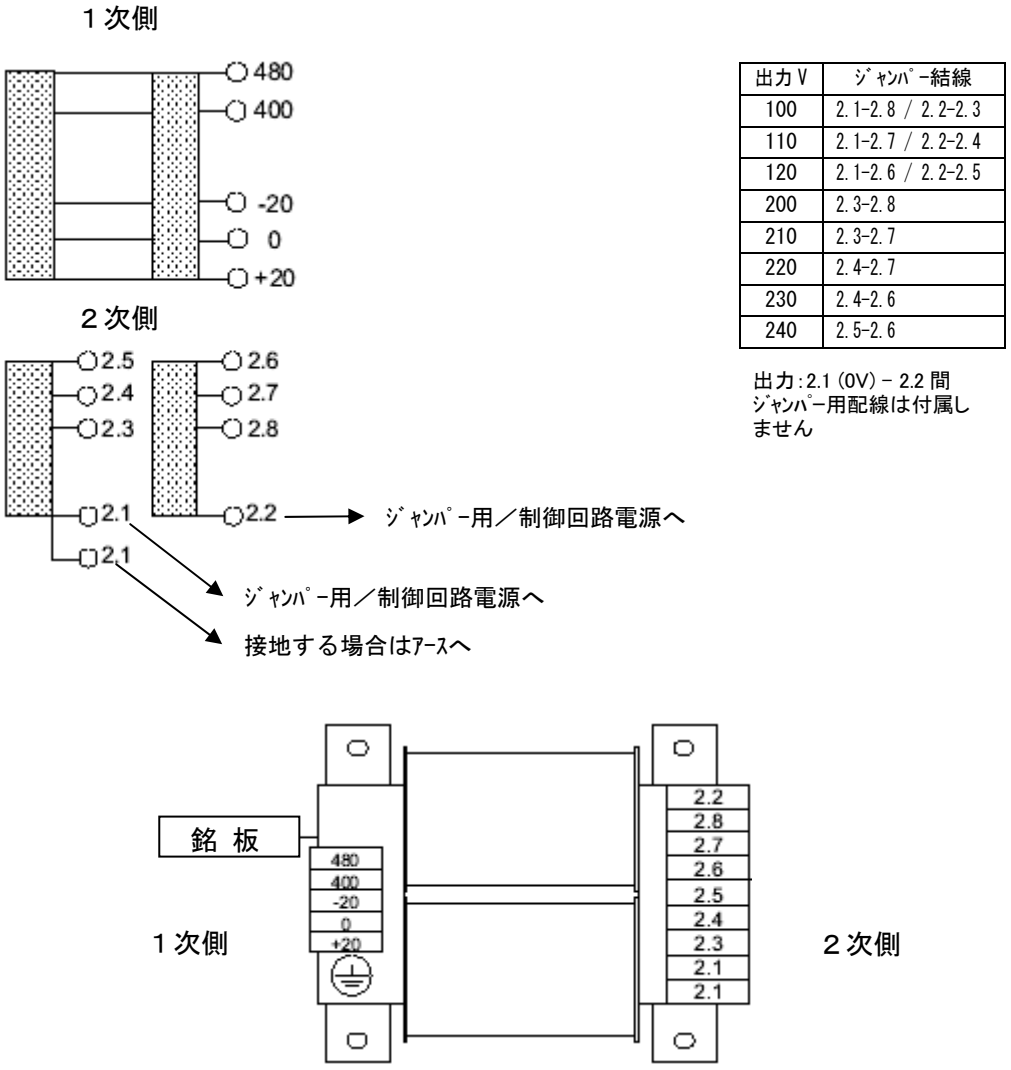
STN0.2



STN0.4 – STN2.0



2.5 端子配列(STN2.5)



出力 V	ｼﾞｬﾝﾊﾟｰ結線
100	2.1-2.8 / 2.2-2.3
110	2.1-2.7 / 2.2-2.4
120	2.1-2.6 / 2.2-2.5
200	2.3-2.8
210	2.3-2.7
220	2.4-2.7
230	2.4-2.6
240	2.5-2.6

出力:2.1 (0V) – 2.2 間
ｼﾞｬﾝﾊﾟｰ用配線は付属しません

3. 1、2 次側推奨保護器

3.1 選定に関する概要

3.1.1 2 次側保護器につきましては、単相電源回路の1線は原則として接地回路となりますので、非接地側のみを遮断する 1 極品にて選定してあります。

3.1.2 2 次側保護器定格はﾄﾗﾝｽの保護に必要な推奨値あるいは規格に基づく推奨値です。制御回路電源ﾄﾗﾝｽとしてご使用いただく場合、本ﾄﾗﾝｽより電源供給を受ける制御回路機器の接点の過電流耐量を考慮し適切な分岐構成をご考慮下さい。
また、2 次側保護器には標準的な“C”特性品を選定してありますが、大きな突入電流が予想される負荷(例:DC 電源装置など)がある場合は“S”又は“D”特性品の適用が必要となります。保護器の詳細につきましては弊社総合ｶﾀﾛｸﾞをご参照下さい。

3.1 IEC/EN 規格に基づく選定

1 次側保護器

ﾄﾗﾝｽ形式	定格 1 次電流(A)	推奨 1 次側保護器	
		形式	設定値
STN0.2-S004 D06611BB	0.5-0.4	PKZM0-0.63-T	0.6A
STN0.4-S003 D06621BB	1.0-0.8	PKZM0-1.6-T	1.1A
STN0.63-S004 D06641BB	1.6-1.3	PKZM0-2.5-T	1.8A
STN0.8-S005 D06651BB	1.9-1.6	PKZM0-2.5-T	2.1A
STN1.0-S005 D06661BB	2.5-2.1	PKZM0-4-T	2.8A
STN1.3-S006 D06671BB	3.2-2.7	PKZM0-4-T	3.5A
STN1.6-S006 D06681BB	3.8-3.2	PKZM0-6.3-T	4.2A
STN2.0-S003 D06691BC	4.7-3.9	PKZM0-6.3-T	5.2A
STN2.5-S002 D06701BA	6.3-5.3	PKZM0-10-T	6.9A

2 次側保護器

ﾄﾗﾝｽ形式	定格出力(VA)	出力電圧 100V～120V			出力電圧 200V～240V		
		定格2次電流(A)	推奨 2 次側保護器(注:3.1.2 項参照)		定格2次電流(A)	推奨 2 次側保護器(注:3.1.2 項参照)	
			形式	定格		形式	定格
STN0.2-S004 D06611BB	180	1.5	FAZ-C1.6/1	1.6A	0.75	FAZ-C1/1	1A
STN0.4-S003 D06621BB	360	3	FAZ-C3/1	3A	1.5	FAZ-C1.6/1	1.6A
STN0.63-S004 D06641BB	600	5	FAZ-C6/1	6A	2.5	FAZ-C3/1	3A
STN0.8-S005 D06651BB	720	6	FAZ-C6/1	6A	3	FAZ-C3/1	3A
STN1.0-S005 D06661BB	960	8	FAZ-C8/1	8A	4	FAZ-C4/1	4A
STN1.3-S006 D06671BB	1200	10	FAZ-C10/1	10A	5	FAZ-C6/1	6A
STN1.6-S006 D06681BB	1440	12	FAZ-C13/1	13A	6	FAZ-C6/1	6A
STN2.0-S003 D06691BC	1800	15	FAZ-C16/1	16A	7.5	FAZ-C8/1	8A
STN2.5-S002 D06701BA	2400	20	FAZ-C20/1	20A	10	FAZ-C10/1	10A

3.3 NEC, UL/CSA規格に基づく選定

出力電圧 100V～120V

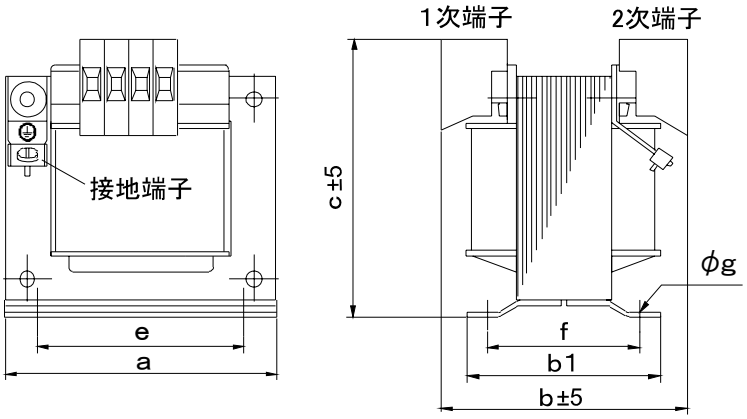
トランス形式	定格1次電圧 (V)	定格1次電流 (A)	推奨1次側保護器	定格出力 (VA)	定格2次電流 (A)	推奨2次側保護器(最大定格) (注:3.1.2項参照)	
						動力/制御回路	制御回路
STN0.2-S004 D06611BB	480	0.4	FAZ-D1/2-RT(NA)	180	1.5	FAZ-C2/1-RT(NA)	FAZ-C2/1
STN0.4-S003 D06621BB	480	0.8	FAZ-D2/2-RT(NA)	360	3	FAZ-C5/1-RT(NA)	FAZ-C4/1
STN0.63-S004 D06641BB	480	1.3	FAZ-D3/2-RT(NA)	600	5	FAZ-C8/1-RT(NA)	FAZ-C8/1
STN0.8-S005 D06651BB	480	1.6	FAZ-D4/2-RT(NA)	720	6	FAZ-C10/1-RT(NA)	FAZ-C10/1
STN1.0-S005 D06661BB	480	2.1	FAZ-D5/2-RT(NA)	960	8	FAZ-C13/1-RT(NA)	FAZ-C13/1
STN1.3-S006 D06671BB	480	2.7	FAZ-D6/2-RT(NA)	1200	10	FAZ-C13/1-RT(NA)	FAZ-C13/1
STN1.6-S006 D06681BB	480	3.2	FAZ-D8/2-RT(NA)	1440	12	FAZ-C15/1-RT(NA)	FAZ-C16/1
STN2.0-S003 D06691BC	480	4	FAZ-D8/2-RT(NA)	1800	15	FAZ-C20/1-RT(NA)	FAZ-C20/1
STN2.5-S002 D06701BA	480	5.3	FAZ-D13/2-RT(NA)	2400	20	FAZ-C25/1-RT(NA)	FAZ-C25/1

出力電圧 200V～240V（主に動力用）

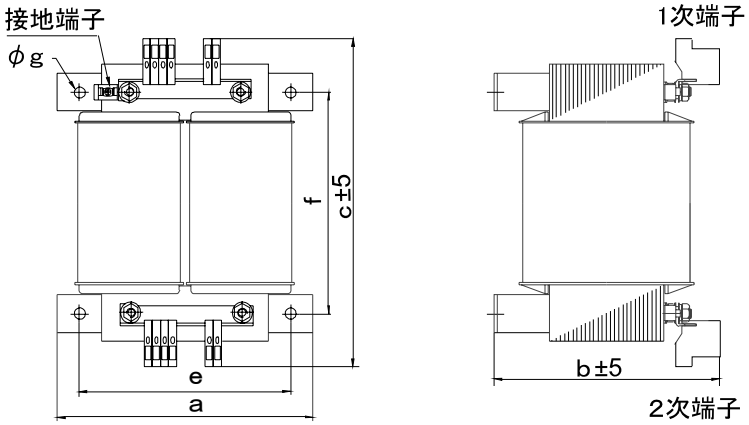
トランス形式	定格1次電圧 (V)	定格1次電流 (A)	推奨1次側保護器	定格出力 (VA)	定格2次電流 (A)	推奨2次側保護器(最大定格) (注:3.1.2項参照)	
						動力/制御回路	制御回路
STN0.2-S004 D06611BB	480	0.4	FAZ-D1/2-RT(NA)	180	0.75	FAZ-C1/1-RT(NA)	FAZ-C1/1
STN0.4-S003 D06621BB	480	0.8	FAZ-D2/2-RT(NA)	360	1.5	FAZ-C2/1-RT(NA)	FAZ-C2/1
STN0.63-S004 D06641BB	480	1.3	FAZ-D3/2-RT(NA)	600	2.5	FAZ-C4/1-RT(NA)	FAZ-C4/1
STN0.8-S005 D06651BB	480	1.6	FAZ-D4/2-RT(NA)	720	3	FAZ-C5/1-RT(NA)	FAZ-C4/1
STN1.0-S005 D06661BB	480	2.1	FAZ-D5/2-RT(NA)	960	4	FAZ-C6/1-RT(NA)	FAZ-C6/1
STN1.3-S006 D06671BB	480	2.7	FAZ-D6/2-RT(NA)	1200	5	FAZ-C8/1-RT(NA)	FAZ-C8/1
STN1.6-S006 D06681BB	480	3.2	FAZ-D8/2-RT(NA)	1440	6	FAZ-C10/1-RT(NA)	FAZ-C10/1
STN2.0-S003 D06691BC	480	4	FAZ-D8/2-RT(NA)	1800	7.5	FAZ-C10/1-RT(NA)	FAZ-C10/1
STN2.5-S002 D06701BA	480	5.3	FAZ-D13/2-RT(NA)	2400	10	FAZ-C13/1-RT(NA)	FAZ-C13/1

4. 外形寸法

STN0.2 – STN2.0



STN2.5



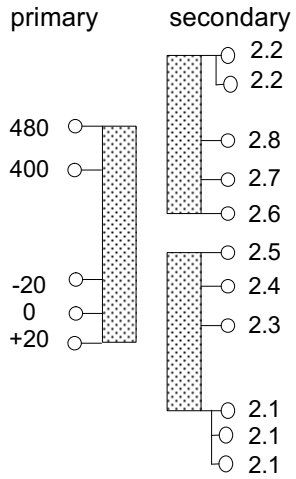
形式	a	b	c	e	f	φg	重量 kg
STN 0.2	106	83	117	80	61	5.8	2.8
STN 0.4	121	88	129	90	68	5.8	4.2
STN 0.63	151	107	150	122	82	7	7.1
STN 0.8	151	124	150	122	99	7	9.8
STN 1.0	151	150	150	122	125	7	12.4
STN 1.3	175	138	162	135	110	7	14.1
STN 1.6	175	138	162	135	110	7	14.3
STN 2.0	175	168	162	135	140	7	19.9
STN 2.5	230	160	275	190	200	11	20.0

MOELLER							
STN0,2 S004 Knr:			EN61558 ta40B		UL5085-2 Class130	
PRI	400-480	V	0,5-0,4	A	0,5-0,4	A
SEC	120-240	V	1,5/0,75	A	1,5/0,75	A
50-60Hz	uk 6,8 %	SN/SK	180/342	VA	180	VA
		PRI Itherm	EN60947-4-1 0,6-0,5	A	PRIMARY WINDINGS ARE NOT SEPARATED! D06611BB	

trafo modern

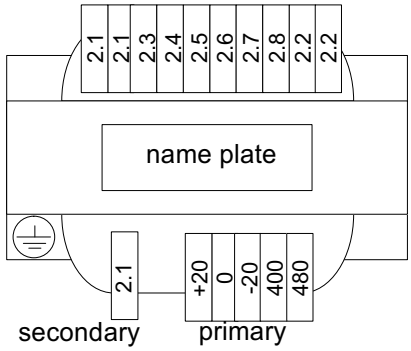
Type	STN0,2 S004 control-transformer
nominal output	180 VA
primary voltage	400-480 V ±20 V
primary current	0,5-0,4 A
max. inrush current	50Hz: 12A - 400V / 11A - 480V 60Hz: 10A - 400V / 8A - 480V this are peak-values at 6% overvoltage on the primary side
primary protective device	PKZM0-0,63-T (0,6-0,5A)
secondary voltage / current	100-110-120 V - 1,5A 200-210-220-230-240 V - 0,75A
frequency	50-60Hz
protection	IP00
static shield winding	no
total weight copper weight	2,8 kg / 0,5 kg
amb.temp. insul.class	ta 40 B
primary terminal	4 mm² - screwless (TC2500)
secondary terminal	4 mm² - screwless (TC2500)
prescription	EN61558-2-2, UL5085-2
design: standard/ grey(G)/trophic(TA)	G

terminal marking

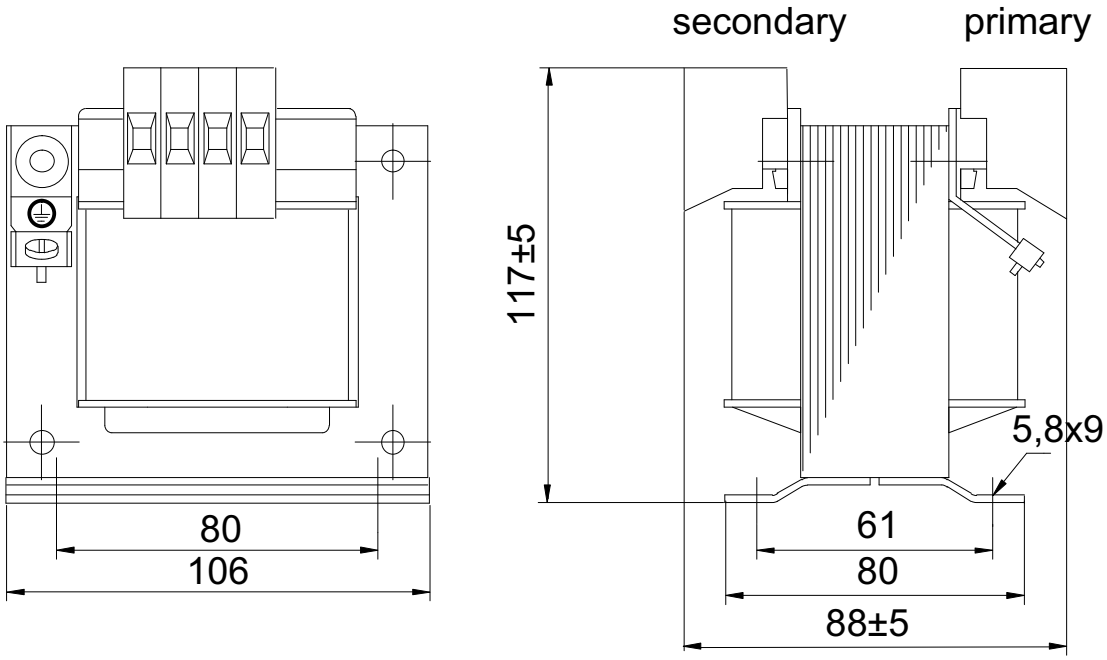


voltage	wiring	user-terminal
100	2.1-2.8/2.2-2.3	2.1-2.2
110	2.1-2.7/2.2-2.4	2.1-2.2
120	2.1-2.6/2.2-2.5	2.1-2.2
200	2.3-2.8	2.1-2.2
210	2.3-2.7	2.1-2.2
220	2.4-2.7	2.1-2.2
230	2.4-2.6	2.1-2.2
240	2.5-2.6	2.1-2.2

terminal order



dimension sketch



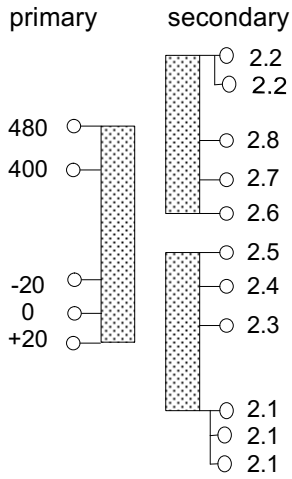
	date	name	type		document number	D06611BB
prepared	09.09.10	PB	STN0,2 S004		replacement for	D06611BA
approved					replaced by	

MOELLER			EN61558 ta40B		UL5085-2 Class130	
STN0,4 S003 Knr:						
PRI	400-480	V	1,0-0,8	A	1,0-0,8	A
SEC	120-240	V	3/1,5	A	3/1,5	A
50-60Hz	uk 5,3 %	SN/SK	360/558	VA	360	VA
		PRI Itherm	EN60947-4-1 1,1-1,0	A	PRIMARY WINDINGS ARE NOT SEPARATED! D06621BB	

trafo modern

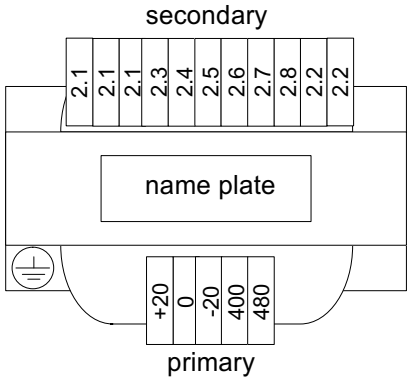
Type	STN0,4 S003 control-transformer
nominal output	360 VA
primary voltage	400-480 V ±20 V
primary current	1,0-0,8 A
max. inrush current	50Hz: 29A - 400V / 24A - 480V 60Hz: 21A - 400V / 18A - 480V this are peak-values at 6% overvoltage on the primary side
primary protective device	PKZM0-1,6-T (1,1-1,0A)
secondary voltage / current	100-110-120 V - 3A 200-210-220-230-240 V - 1,5A
frequency	50-60Hz
protection	IP00
static shield winding	no
total weight copper weight	4,2 kg / 1,0 kg
amb.temp. insul.class	ta 40 B
primary terminal	4 mm² - screwless (TC2500)
secondary terminal	4 mm² - screwless (TC2500)
prescription	EN61558-2-2, UL5085-2
design: standard/ grey(G)/trophic(TA)	G

terminal marking

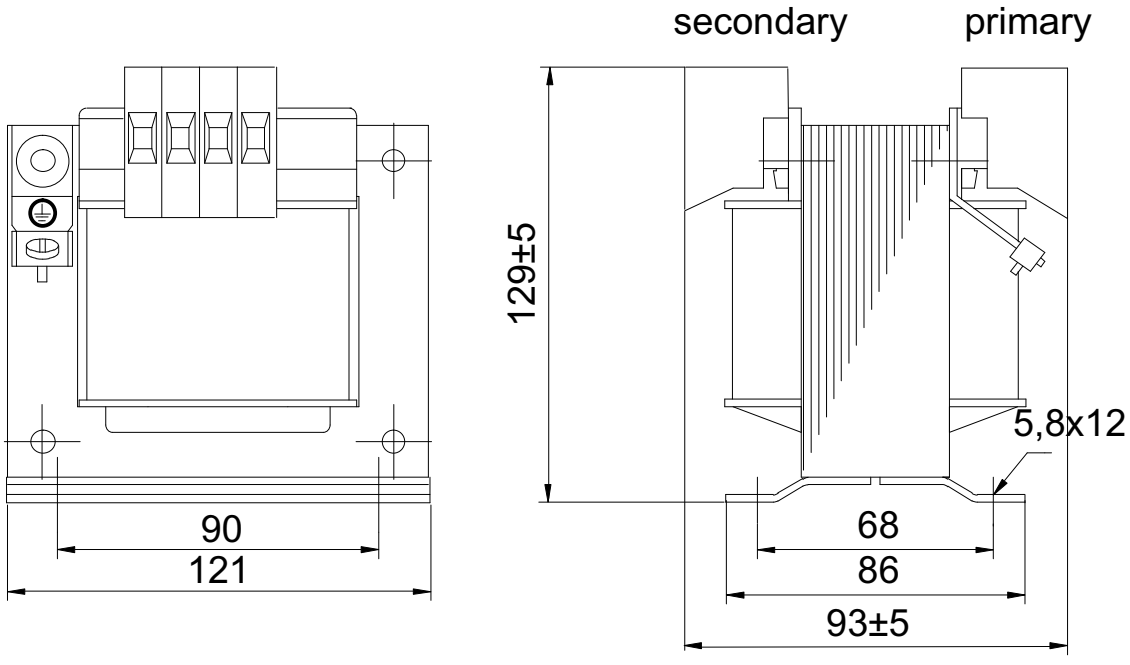


voltage	wiring	user-terminal
100	2.1-2.8/2.2-2.3	2.1-2.2
110	2.1-2.7/2.2-2.4	2.1-2.2
120	2.1-2.6/2.2-2.5	2.1-2.2
200	2.3-2.8	2.1-2.2
210	2.3-2.7	2.1-2.2
220	2.4-2.7	2.1-2.2
230	2.4-2.6	2.1-2.2
240	2.5-2.6	2.1-2.2

terminal order



dimension sketch



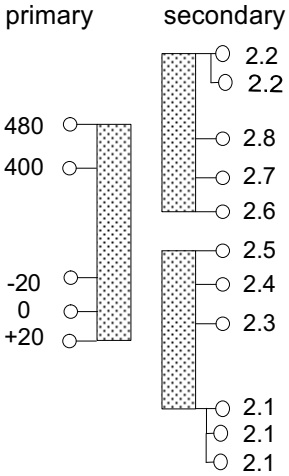
	date	name	type		document number	D06621BB
prepared	09.09.10	PB	STN0,4 S003		replacement for	D06621BA
approved					replaced by	

MOELLER							
STN0,63 S004 Knr:			EN61558 ta40B		UL5085-2 Class130	
PRI	400-480	V	1,6-1,3	A	1,6-1,3	A
SEC	120-240	V	5,0/2,5	A	5,0/2,5	A
50-60Hz	uk 3,8 %	SN/SK	600/1438	VA	600	VA
		PRI Itherm	EN60947-4-1 1,8-1,6	A	PRIMARY WINDINGS ARE NOT SEPARATED! D06641BB	

trafo modern

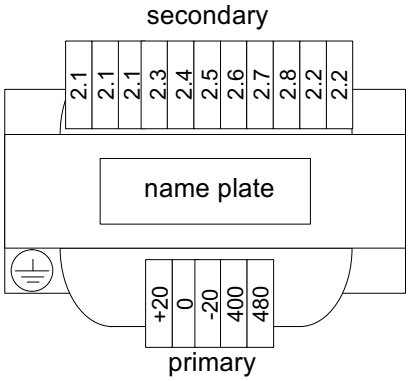
Type	STN0,63 S004 control-transformer
nominal output	600 VA
primary voltage	400-480 V ±20 V
primary current	1,6-1,3 A
max. inrush current	50Hz: 54A - 400V / 46A - 480V 60Hz: 39A - 400V / 32A - 480V this are peak-values at 6% overvoltage on the primary side
primary protective device	PKZM0-2,5-T (1,8-1,6A)
secondary voltage / current	100-110-120 V - 5A 200-210-220-230-240 V - 2,5A
frequency	50-60Hz
protection	IP00
static shield winding	no
total weight copper weight	7,1 kg / 1,3 kg
amb.temp. insul.class	ta 40 B
primary terminal	4 mm² - screwless (TC2500)
secondary terminal	4 mm² - screwless (TC2500)
prescription	EN61558-2-2, UL5085-2
design: standard/ grey(G)/trophic(TA)	G

terminal marking

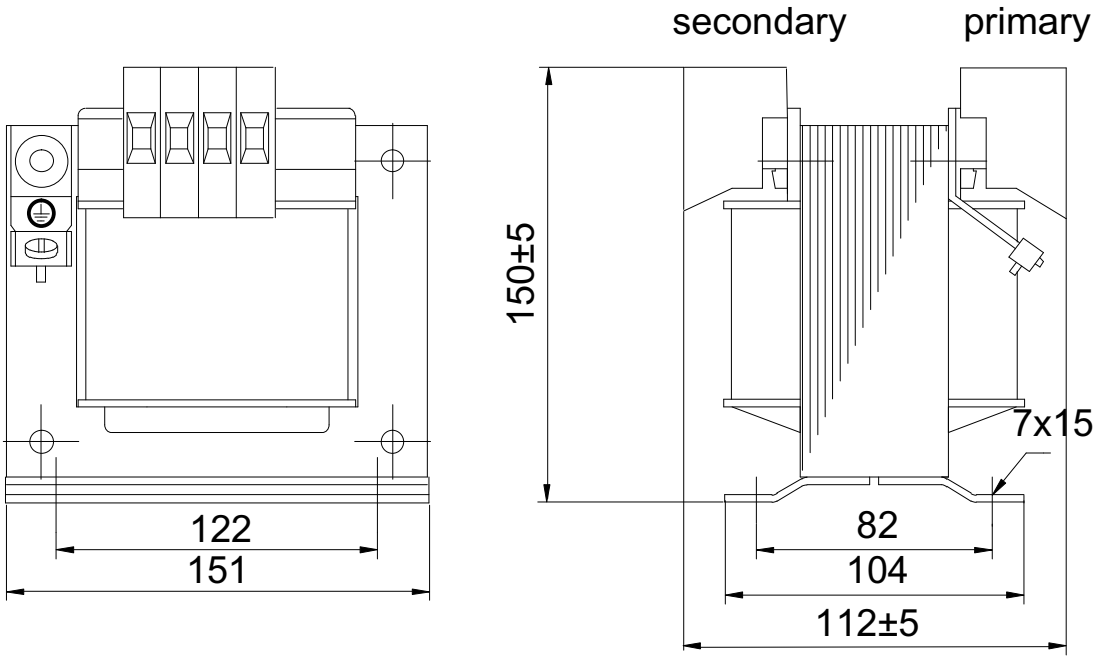


voltage	wiring	user-terminal
100	2.1-2.8/2.2-2.3	2.1-2.2
110	2.1-2.7/2.2-2.4	2.1-2.2
120	2.1-2.6/2.2-2.5	2.1-2.2
200	2.3-2.8	2.1-2.2
210	2.3-2.7	2.1-2.2
220	2.4-2.7	2.1-2.2
230	2.4-2.6	2.1-2.2
240	2.5-2.6	2.1-2.2

terminal order



dimension sketch



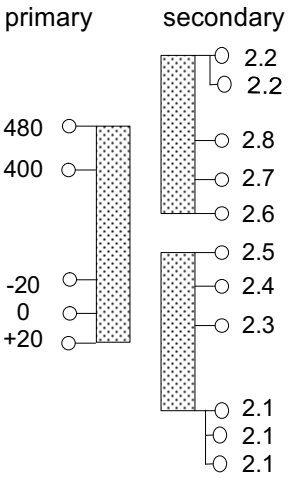
	date	name	type		document number	D06641BB
prepared	09.09.10	PB		STN0,63 S004	replacement for	D06641BA
approved					replaced by	

MOELLER							
STN0,8 S005 Knr:			EN61558 ta40B		UL5085-2 Class130	
PRI	400-480	V	1,9-1,6	A	1,9-1,6	A
SEC	120-240	V	6/3	A	6/3	A
50-60Hz	uk 2,5 %	SN/SK	720/2025	VA	720	VA
		PRI Itherm	EN60947-4-1 2,1-1,7	A	PRIMARY WINDINGS ARE NOT SEPARATED! D06651BB	

trafo modern

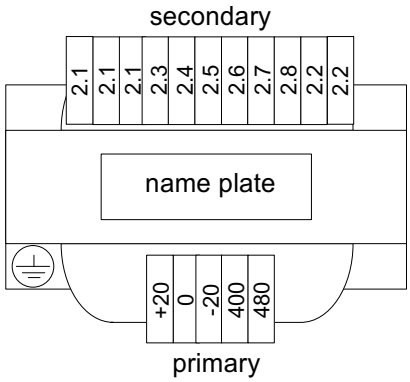
Type	STN0,8 S005 control-transformer
nominal output	720 VA
primary voltage	400-480 V ±20 V
primary current	1,9-1,6 A
max. inrush current	50Hz: 56A - 400V / 46A - 480V 60Hz: 38A - 400V / 30A - 480V this are peak-values at 6% overvoltage on the primary side
primary protective device	PKZM0-2,5-T (2,1-1,7A)
secondary voltage / current	100-110-120 V - 6A 200-210-220-230-240 V - 3A
frequency	50-60Hz
protection	IP00
static shield winding	no
total weight copper weight	9,8 kg / 2,1 kg
amb.temp. insul.class	ta 40 B
primary terminal	4 mm² - screwless (TC2500)
secondary terminal	4 mm² - screwless (TC2500)
prescription	EN61558-2-2, UL5085-2
design: standard/ grey(G)/trophic(TA)	G

terminal marking

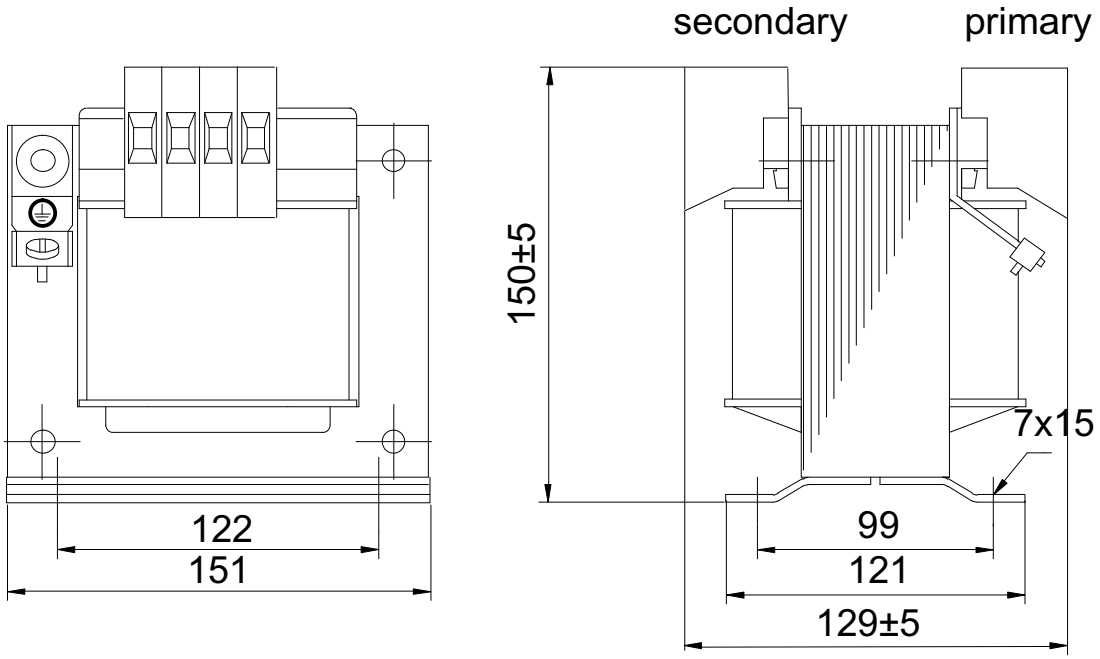


voltage	wiring	user-terminal
100	2.1-2.8/2.2-2.3	2.1-2.2
110	2.1-2.7/2.2-2.4	2.1-2.2
120	2.1-2.6/2.2-2.5	2.1-2.2
200	2.3-2.8	2.1-2.2
210	2.3-2.7	2.1-2.2
220	2.4-2.7	2.1-2.2
230	2.4-2.6	2.1-2.2
240	2.5-2.6	2.1-2.2

terminal order



dimension sketch



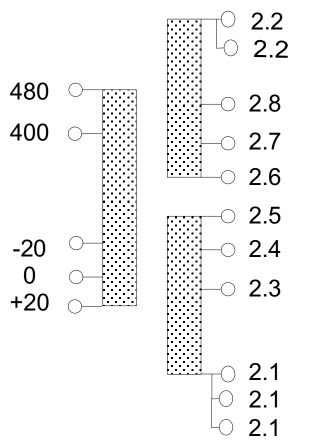
	date	name	type	document number	D06651BB
prepared	09.09.10	PB	STN0,8 S005	replacement for	D06651BA
approved				replaced by	

MOELLER					
STN1,0 S005 Knr:		EN61558 ta40B		UL5085-2 Class130	
PRI	400-480 V	2,5-2,1	A	2,5-2,1	A
SEC	120-240 V	8/4	A	8/4	A
50-60Hz	uk 2,2 % Sn/Sk	960/3149	VA	960	VA
	PRI Itherm	EN60947-4-1 2,8-2,5	A	PRIMARY WINDINGS ARE NOT SEPARATED! D06661BB	

trafo modern

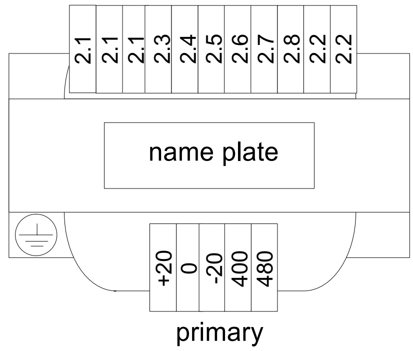
Type	STN1,0 S005 control-transformer
nominal output	960 VA
primary voltage	400-480 V ±20 V
primary current	2,5-2,1 A
max. inrush current	50Hz: 94A - 400V / 79A - 480V 60Hz: 64A - 400V / 53A - 480V this are peak-values at 6% overvoltage on the primary side
primary protective device	PKZM0-4-T (2,8-2,5A)
secondary voltage / current	100-110-120 V - 8A 200-210-220-230-240 V - 4A
frequency	50-60Hz
protection	IP00
static shield winding	no
total weight copper weight	12,4 kg / 1,9 kg
amb.temp. insul.class	ta 40 B
primary terminal	4 mm² - screwless (TC2500)
secondary terminal	4 mm² - screwless (TC2500)
prescription	EN61558-2-2, UL5085-2
design: standard/ grey(G)/trophic(TA)	G

terminal marking

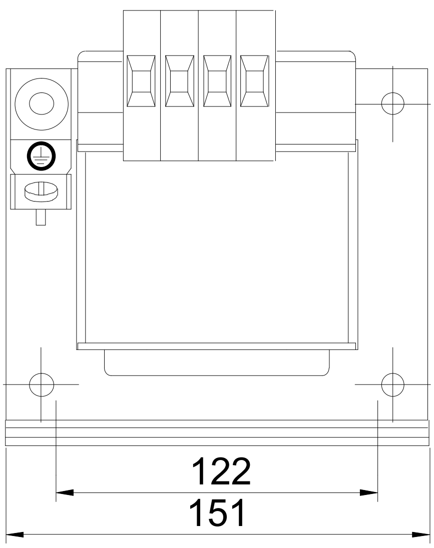


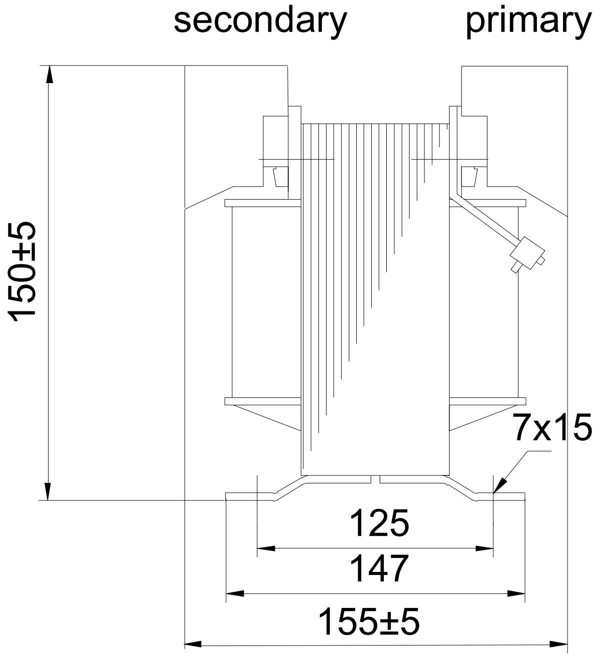
voltage	wiring	user-terminal
100	2.1-2.8/2.2-2.3	2.1-2.2
110	2.1-2.7/2.2-2.4	2.1-2.2
120	2.1-2.6/2.2-2.5	2.1-2.2
200	2.3-2.8	2.1-2.2
210	2.3-2.7	2.1-2.2
220	2.4-2.7	2.1-2.2
230	2.4-2.6	2.1-2.2
240	2.5-2.6	2.1-2.2

terminal order



dimension sketch





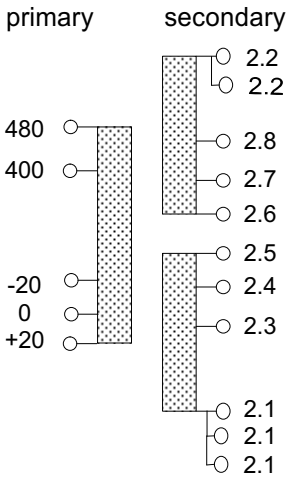
	date	name	type STN1,0 S005	document number	D06661BB
prepared	09.09.10	PB		replacement for	D06661BA
approved				replaced by	

MOELLER							
STN1,3 S006 Knr:			EN61558 ta40B		UL5085-2 Class130	
PRI	400-480	V	3,2-2,7	A	3,2-2,7	A
SEC	120-240	V	10/5	A	10/5	A
50-60Hz	uk 2,1 %	SN/SK	1200/3766	VA	1200	VA
		PRI Itherm	EN60947-4-1 3,5-2,9	A	PRIMARY WINDINGS ARE NOT SEPARATED! D06671BB	

trafo modern

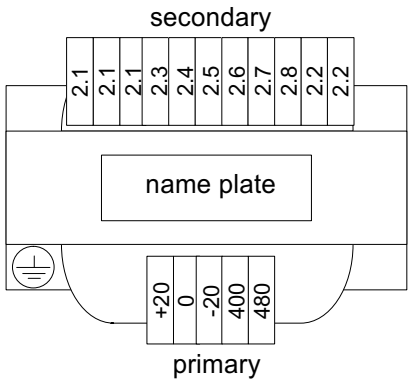
Type	STN1,3 S006 control-transformer
nominal output	1200 VA
primary voltage	400-480 V ±20 V
primary current	3,2-2,7 A
max. inrush current	50Hz: 89A - 400V / 70A - 480V 60Hz: 59A - 400V / 46A - 480V this are peak-values at 6% overvoltage on the primary side
primary protective device	PKZM0-4-T (3,5-2,9A)
secondary voltage / current	100-110-120 V - 10A 200-210-220-230-240 V - 5A
frequency	50-60Hz
protection	IP00
static shield winding	no
total weight copper weight	14,1 kg / 3,1 kg
amb.temp. insul.class	ta 40 B
primary terminal	4 mm² - screwless (TC2500)
secondary terminal	4 mm² - screwless (TC2500)
prescription	EN61558-2-2, UL5085-2
design: standard/ grey(G)/trophic(TA)	G

terminal marking

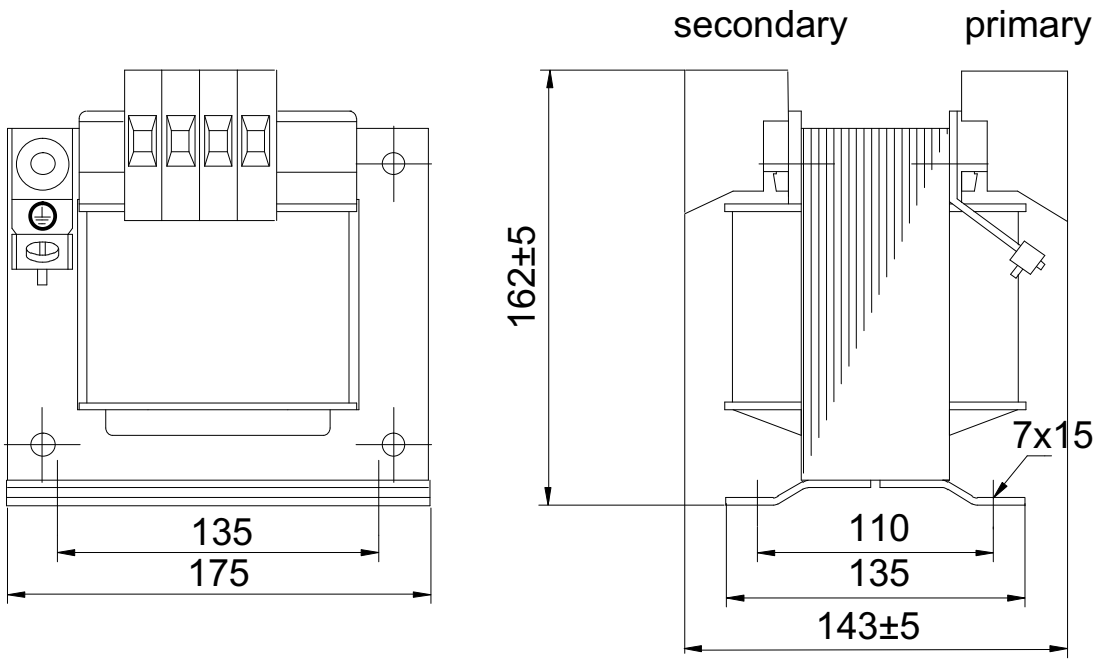


voltage	wiring	user-terminal
100	2.1-2.8/2.2-2.3	2.1-2.2
110	2.1-2.7/2.2-2.4	2.1-2.2
120	2.1-2.6/2.2-2.5	2.1-2.2
200	2.3-2.8	2.1-2.2
210	2.3-2.7	2.1-2.2
220	2.4-2.7	2.1-2.2
230	2.4-2.6	2.1-2.2
240	2.5-2.6	2.1-2.2

terminal order



dimension sketch



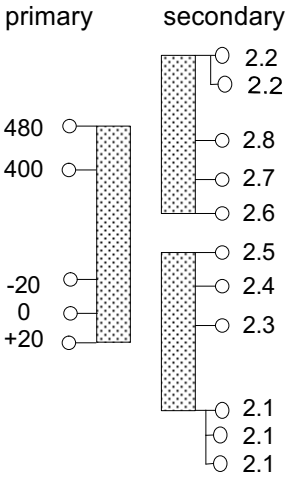
	date	name	type		document number	D06671BB
prepared	09.09.10	PB		STN1,3 S006	replacement for	D06671BA
approved					replaced by	

MOELLER			EN61558 ta40B		UL5085-2 Class130	
STN1,6 S006 Knr:						
PRI	400-480	V	3,8-3,2	A	3,8-3,2	A
SEC	120-240	V	12/6	A	12/6	A
50-60Hz	uk 2,5 %	SN/SK	1440/3582	VA	1440	VA
		PRI Itherm	EN60947-4-1 4,2-4,0	A	PRIMARY WINDINGS ARE NOT SEPARATED! D06681BB	

trafo modern

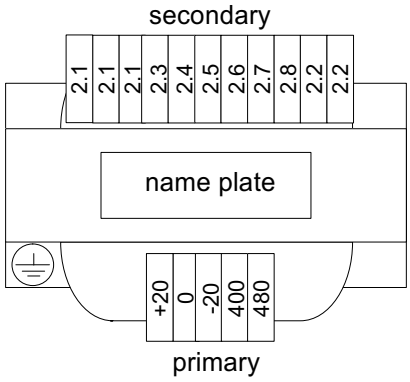
Type	STN1,6 S006 control-transformer
nominal output	1440 VA
primary voltage	400-480 V ±20 V
primary current	3,8-3,2 A
max. inrush current	50Hz: 109A - 400V / 85A - 480V 60Hz: 72A - 400V / 56A - 480V this are peak-values at 6% overvoltage on the primary side
primary protective device	PKZM0-6,3-T (4,2-4,0A)
secondary voltage / current	100-110-120 V - 12A 200-210-220-230-240 V - 6A
frequency	50-60Hz
protection	IP00
static shield winding	no
total weight copper weight	14,3 kg / 3,3 kg
amb.temp. insul.class	ta 40 B
primary terminal	4 mm² - screwless (TC2500)
secondary terminal	4 mm² - screwless (TC2500)
prescription	EN61558-2-2, UL5085-2
design: standard/ grey(G)/trophic(TA)	G

terminal marking

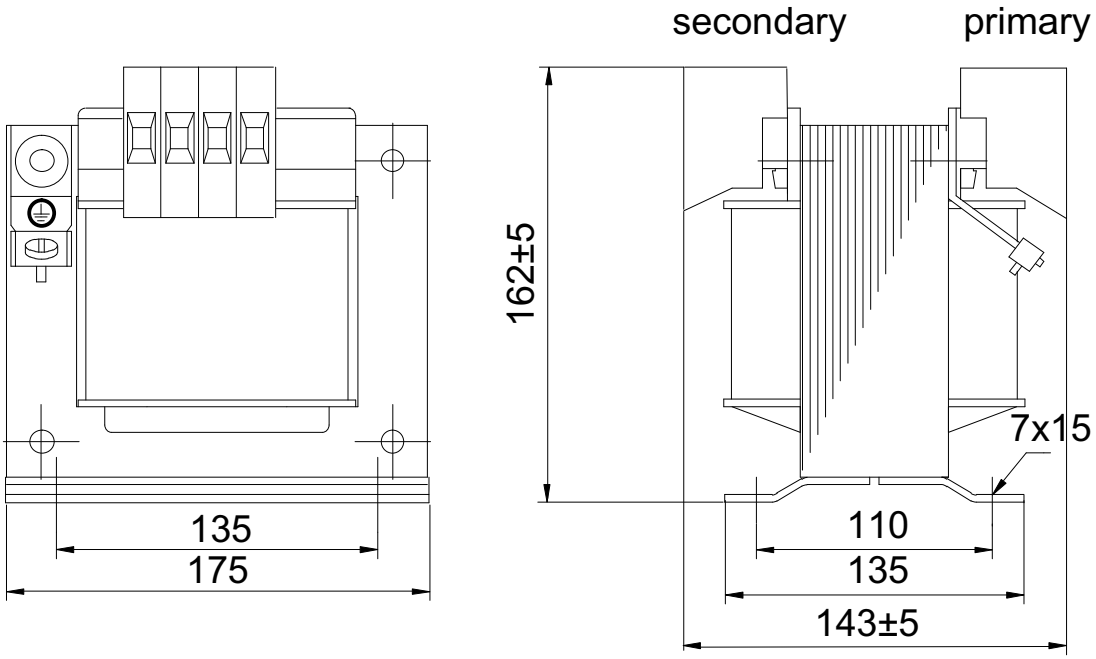


voltage	wiring	user-terminal
100	2.1-2.8/2.2-2.3	2.1-2.2
110	2.1-2.7/2.2-2.4	2.1-2.2
120	2.1-2.6/2.2-2.5	2.1-2.2
200	2.3-2.8	2.1-2.2
210	2.3-2.7	2.1-2.2
220	2.4-2.7	2.1-2.2
230	2.4-2.6	2.1-2.2
240	2.5-2.6	2.1-2.2

terminal order



dimension sketch



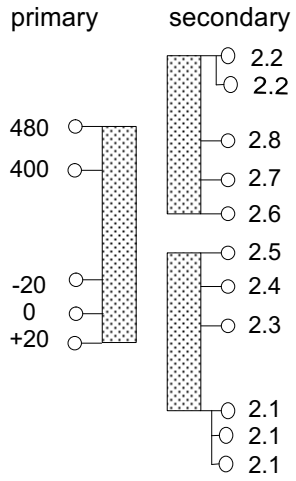
	date	name	type	document number	D06681BB
prepared	09.09.10	PB	STN1,6 S006	replacement for	D06681BA
approved				replaced by	

MOELLER									
STN2,0 S003 Knr:				EN61558 ta40B		UL5085-2 Class130	
PRI	400-480	V		4,7-3,9	A	4,7-3,9	A
SEC	120-240	V		15/7,5	A	15/7,5	A
50-60Hz	u_K 2,0 %	S_N/S_K		1800/5175	VA	1800	VA
		PRI	Itherm	EN60947-4-1 5,2-4,3	A	PRIMARY WINDINGS ARE NOT SEPARATED! D06691BC	

trafo modern

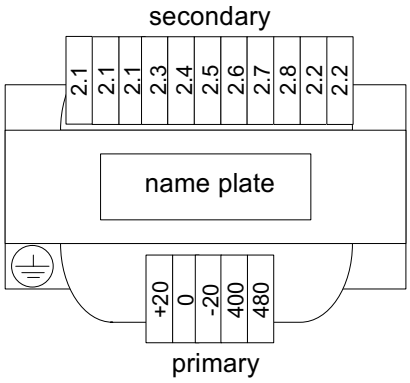
Type	STN2,0 S003 control-transformer
nominal output	1800 VA
primary voltage	400-480 V ±20 V
primary current	4,7-3,9 A
max. inrush current	50Hz: 137A - 400V / 113A - 480V 60Hz: 89A - 400V / 72A - 480V this are peak-values at 6% overvoltage on the primary side
primary protective device	PKZM0-6,3-T (5,2-4,3A)
secondary voltage / current	100-110-120 V - 15A 200-210-220-230-240 V - 7,5A
frequency	50-60Hz
protection	IP00
static shield winding	no
total weight copper weight	19,9 kg / 4,4 kg
amb.temp. insul.class	ta 40 B
primary terminal	4 mm² - screwless (TC2500)
secondary terminal	4 mm² - screwless (TC2500)
prescription	EN61558-2-2, UL5085-2
design: standard/ grey(G)/trophic(TA)	G

terminal marking

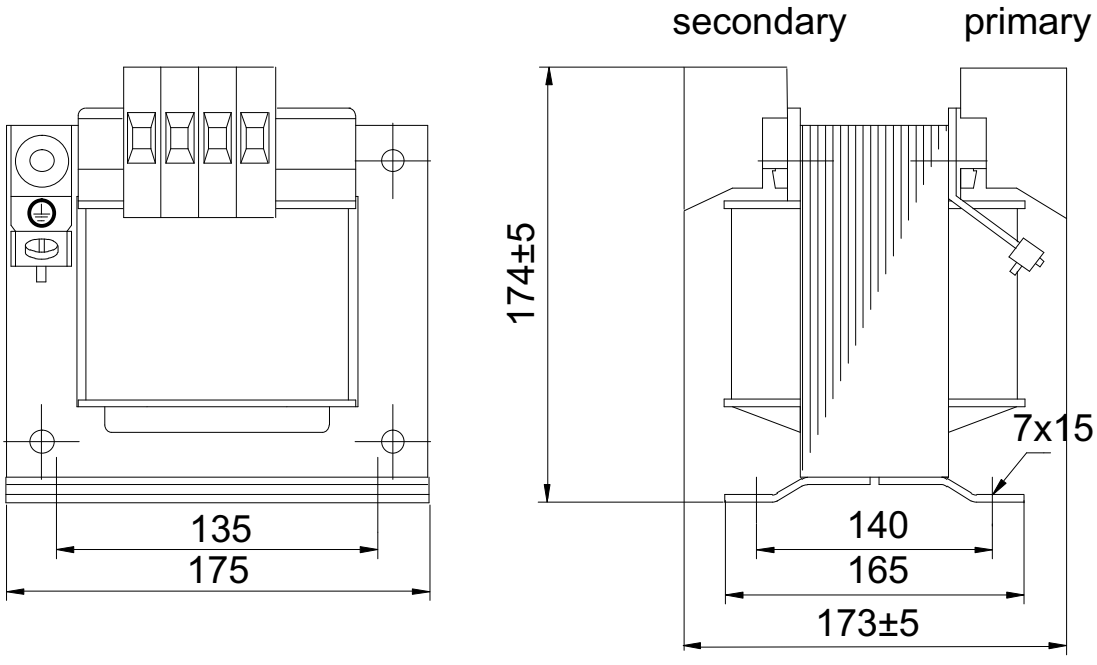


voltage	wiring	user-terminal
100	2.1-2.8/2.2-2.3	2.1-2.2
110	2.1-2.7/2.2-2.4	2.1-2.2
120	2.1-2.6/2.2-2.5	2.1-2.2
200	2.3-2.8	2.1-2.2
210	2.3-2.7	2.1-2.2
220	2.4-2.7	2.1-2.2
230	2.4-2.6	2.1-2.2
240	2.5-2.6	2.1-2.2

terminal order



dimension sketch



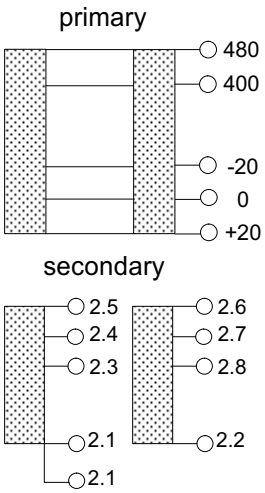
	date	name	type	document number	D06691BC
prepared	09.09.10	PB	STN2,0 S003	replacement for	D06691BB
approved				replaced by	

MOELLER						
STN2,5 S002 Knr:			EN61558 ta40B		UL5085-2 Class130	
PRI	400-480	V	6,3-5,3	A	6,3-5,3	A
SEC	120-240	V	20/10	A	20/10	A
50-60Hz	uk 2,4 %	SN/SK	2400/6950	VA	2400	VA
		PRI Itherm	EN60947-4-1 6,9-6,3	A	PRIMARY WINDINGS ARE NOT SEPARATED! D06701BA	

trafo modern

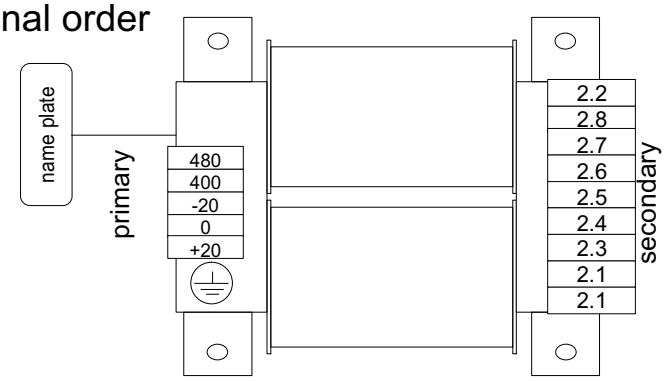
Type	STN2,5 S002 control-transformer
nominal output	2400 VA
primary voltage	400-480 V ±20 V
primary current	6,3-5,3 A
max. inrush current	50Hz: 219A - 400V / 179A - 480V 60Hz: 156A - 400V / 124A - 480V this are peak-values at 6% overvoltage on the primary side
primary protective device	PKZM0-10-T (6,9-6,3A)
secondary voltage / current	100-110-120 V - 20A 200-210-220-230-240 V - 10A
frequency	50-60Hz
protection	IP00
static shield winding	no
total weight copper weight	20 kg / 8,1 kg
amb.temp. insul.class	ta 40 B
primary terminal	4 mm²
secondary terminal	10 mm²
prescription	EN61558-2-2, UL5085-2
design: standard/ grey(G)/trophic(TA)	G

terminal marking

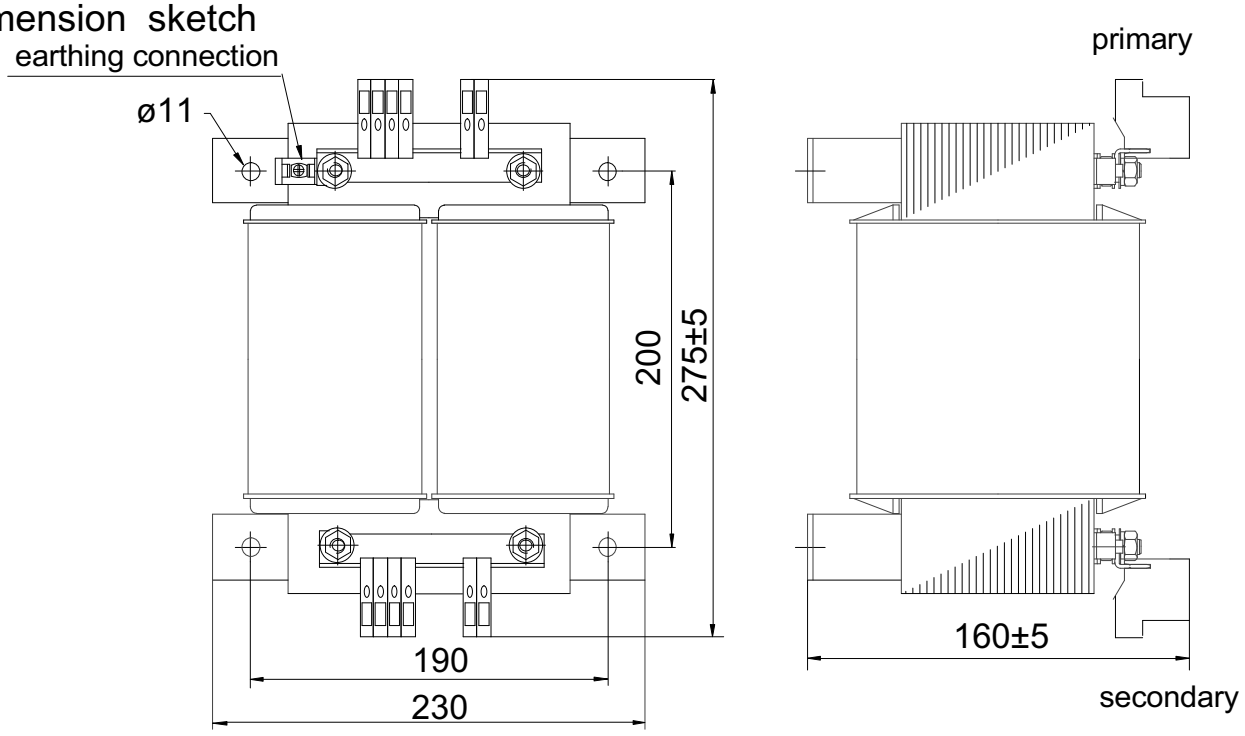


voltage	wiring	user-terminal
100	2.1-2.8/2.2-2.3	2.1-2.2
110	2.1-2.7/2.2-2.4	2.1-2.2
120	2.1-2.6/2.2-2.5	2.1-2.2
200	2.3-2.8	2.1-2.2
210	2.3-2.7	2.1-2.2
220	2.4-2.7	2.1-2.2
230	2.4-2.6	2.1-2.2
240	2.5-2.6	2.1-2.2

terminal order



dimension sketch



	Datum	Name	Typ		Zeichnungsnummer	D06701BA
gez.	09.09.10	PB	STN2,5 S002		Ersatz für	D06701B
gepr/freig.					Ersetzt durch	