

FROMM

**ELS FS400/FS401 FROMM
TURNTABLE STRETCH MACHINE
ELS.1054
Version 04 machines Rev. 04**

Print date Monday, 14 March 2011 / servisia/ © 03/11

MODEL : FROMM FS 400

MODEL : FROMM FS 401

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PROGETTO
BANCA DIS.
TIPICO

KIND OF CIRCUIT	COLORS CONDUCTORS	MINIMUM SECTION	F		
			DATA	13/05/10	DESIGN/VICENTINI F.
POWER CONDUCTORS	BLACK	N07V-K/1,5mm ²			
NEUTRAL CONDUCTORS	LIGHT BLUE	N07V-K/1,5mm ²			
CONTROLS / SIGNALS ALTERNATING CURRENT	RED	N07V-K/0,5mm ²	24V AC		
CONTROLS / SIGNALS DIRECTING CURRENT	BLUE	N07V-K/0,5mm ²	24V DC		
GROUND CONDUCTORS	YELLOW-GREEN	N07V-K/1,5mm ²			
FROMMM			DATA	13/05/10	DESIGN/VICENTINI F.
			VISTO		
MODIFICA	DATA	FIRMA	APPR.		

REV.	MODIFICA	DATA	FIRMA	APPR.					
0					SOST. IL :	3	SOST. DA :	4	FILE ELS.1054.dwg
					FS400/FS401		ELS.1054		FILE ELS.1054.dwg
							=		
							+		
							FC. 01		F.S.02
									F.T. 11

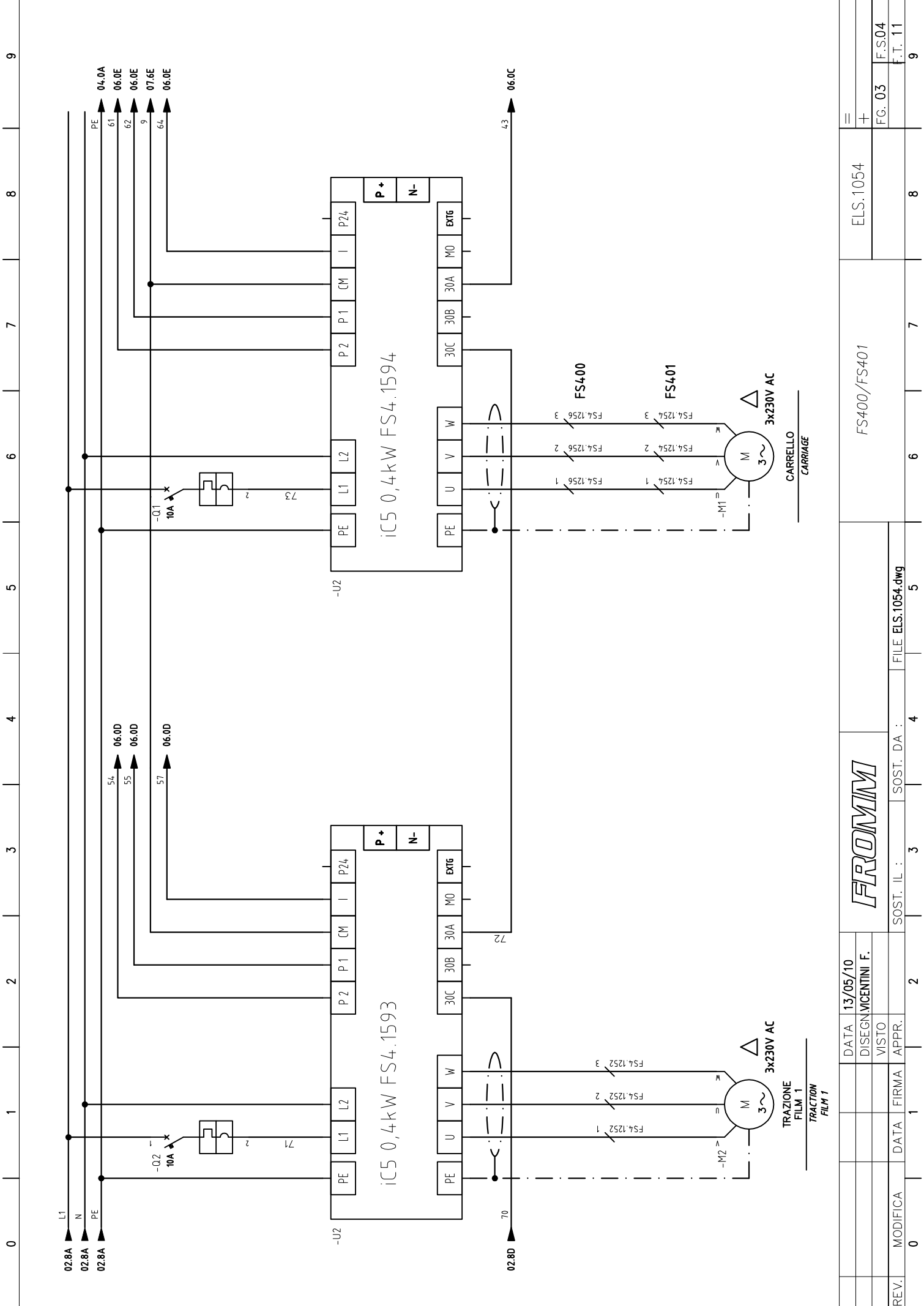
TENSIONE POWER SUPPLY	230V-50/60Hz
POTENZA INSTALLATA INSTALLED POWER	1,8kW
CORRENTE CURRENT	8A
FROMM ITALIANA S.r.l. Caprino Veronese (VR) ITALY	

FROMMM	
ELS.1054	
FOGLIO	
1	
T.F. 11	



9 8 7 6 5 4 3 2 1 0

A B C D E F



FROMM

ELS.1054

FS400/FS401

FC. 03 F.S.04
F.T. 11

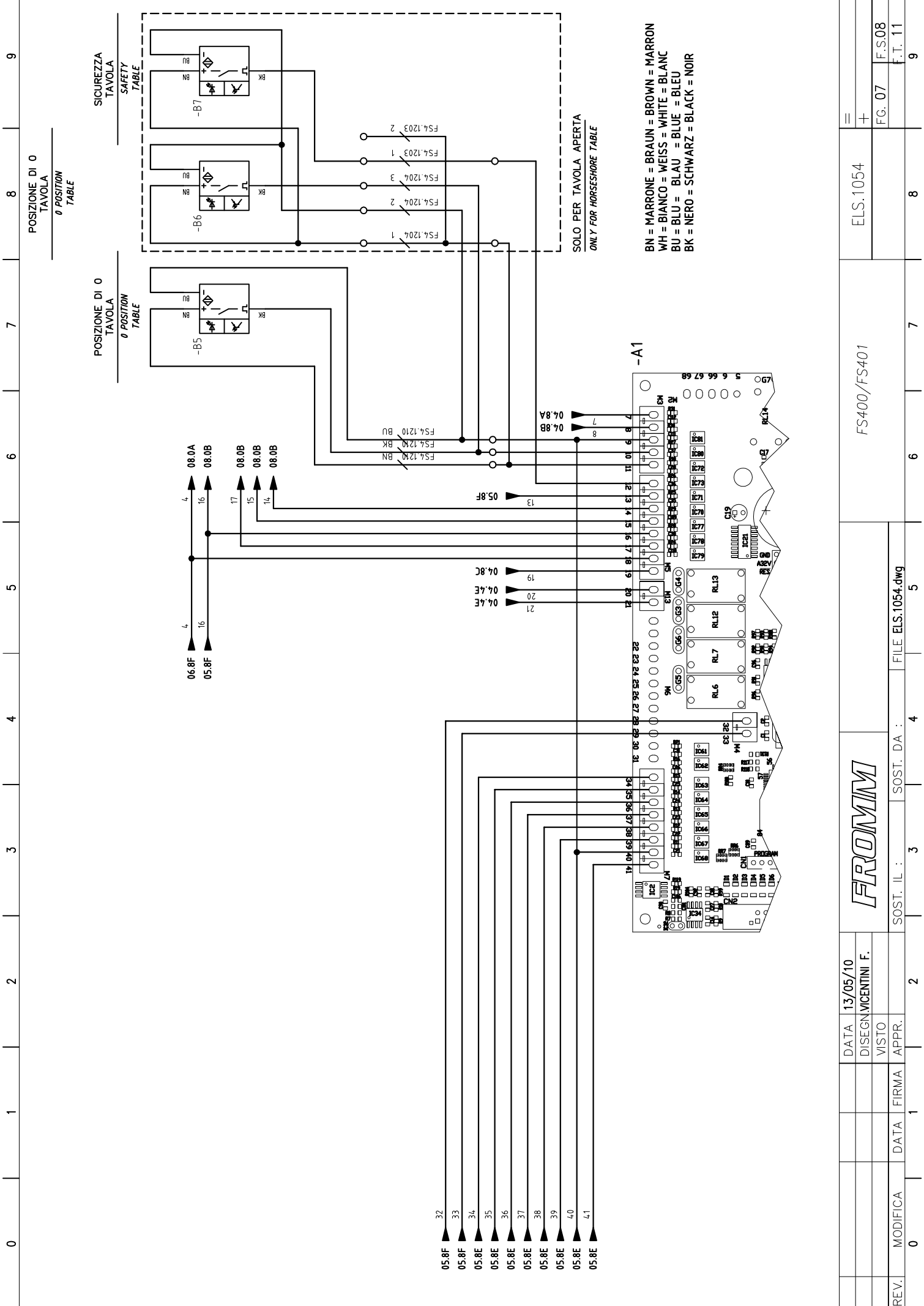
FILE ELS.1054.dwg

SOST. IL : 3 SOST. DA : 4

DATA 13/05/10
DISEGN VICENTINI F.
VISTO
APPR.

REV. 0
MODIFICA
DATA
FIRMA
APPR.

9 8 7 6 5 4 3 2 1 0



POSIZIONE DI 0
TAVOLA
0 POSITION
TABLE

POSIZIONE DI 0
TAVOLA
0 POSITION
TABLE

SICUREZZA
TAVOLA
SAFETY
TABLE

SOLO PER TAVOLA APERTA
ONLY FOR HORSESHOE TABLE

BN = MARRONE = BRAUN = BROWN = MARRON
WH = BIANCO = WEISS = WHITE = BLANC
BU = BLU = BLAU = BLUE = BLEU
BK = NERO = SCHWARZ = BLACK = NOIR

FROMM

FS400/FS401

ELS.1054

DATA 13/05/10
DISEGNVINCENTINI F.

REV.	MODIFICA	DATA	FIRMA	APPR.
0				

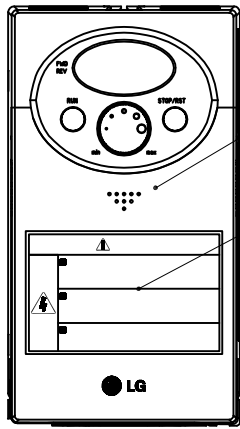
SOST. IL :	3
SOST. DA :	4
FILE	ELS.1054.dwg

FC. 07	F.S.08
F.T. 11	

A B C D E F

0 1 2 3 4 5 6 7 8 9

Aenderungen:
Modifiche:



1

2 PARAMETER LIST

-----[DRV]-----

Acc	3.0	sec	Acceleration time 0
Dec	3.0	sec	Deceleration time 0
Frq	4		Freq. Setting mode

-----[FU1]-----

F8	0.10	Hz	DC Brake start frequency
F9	0.0	sec	DC Brake wait time
F10	80	%	DC Brake voltage
F11	0.5	sec	DC Brake time
F14	0.1	sec	Motor Magnetizing time
F21	65.00	Hz	Maximum Frequency
F22	50.00	Hz	Base Frequency
F23	0.10	Hz	Start Frequency
F25	65.00	Hz	Frequency high limit
F27	1		Man/Auto Torque select
F50	1		Electronic thermal select

-----[FU2]-----

H33	3.4	A	Motor rated current
H34	1.7	A	No load motor current
H40	3		Control mode

-----[I0]-----

I12	0.00	mA	I input minimum current
I15	65.00	Hz	Frequency related to I14
I55	16		30-A/B/C output working

1	PROGRAMMING FILE	2	PARAMETER LIST			
	INVERTER TABLE	1	LS INDUSTRIAL SYSTEMS		N5.5475	SV08-iC5-1F

Gebrauch Zchg.
Usò del disegno

Stueckzahl Numero pezzi	Gegenstand Oggetto	Pos.	Werkstoff Materiale	Gewicht/Stueck Peso/Pezzo	Bestandt. Nr. Elemento Nr.	Bemerkungen Osservazioni
Rubrik Rubrica			kg.			

Freimass-Toleranzen/Tolleranze della misure libere

Aenderungen: Modifiche:	⊙		Keine Nessuna Stueckliste separat Lista pezzi separata	Ersetzt durch Sostituito da Ersatz fuer Sostituisce
Typ: Tipo:	U3		Massstab Scala	Gezeichnet Disegnato
INVERTER MOTOR TABLE FS400			1:1	VICENTINI
			Gesehen Visto	13-05-2010

FROMM

FS4.1592

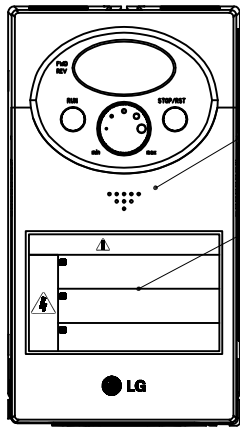
Aenderungen:
Modifiche:

Ⓐ

Change the parameters:
I13 from 1.0 to 0.1
ACC from 0.1 to 0.0
DEC from 0.1 to 0.0
F14 from 0.1 to 0.0

Ⓑ

Change the parameters:
Removed F8, F4=2Hz
F9 from 0.0 to 0.1
Removed F50, F52=150%
I12 from 0.0 to 0.5mA



1

2 PARAMETER LIST

-----[DRV]-----

Acc	0.0	sec	Acceleration time 0
Dec	0.0	sec	Deceleration time 0
Frq	4		Freq. Setting mode

-----[FU1]-----

F4	2	Hz	Stop mode select
F9	0.1	sec	DC Brake wait time
F11	0.1	sec	DC Brake time
F12	90	%	DC Brake start voltage
F14	0.0	sec	Motor Magnetizing time
F21	72.00	Hz	Maximum Frequency
F22	50.00	Hz	Base Frequency
F23	0.10	Hz	Start Frequency
F27	1		Man/Auto Torque select
F52	150	%	E.therm. lev. Contin.

-----[FU2]-----

H33	2.1	A	Motor rated current
H40	3		Control mode
H41	1		Auto tuning

-----[IO]-----

I12	0.50	mA	I input minimum current
I15	72.00	Hz	Frequency related to I14
I21	11		Multifunction input P2
I55	16		30-A/B/C output working

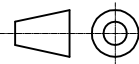
1	FILE DI PROGRAMMAZIONE	2	PARAMETER LIST			
	INVERTER TABLE	1	LS INDUSTRIAL SYSTEMS		N51.5427	SV04-iC5-1F

Gebrauch Zchg.
Usa del disegno

Stueckzahl Numero pezzi	Gegenstand Oggetto	Pos.	Werkstoff Materiale	Gewicht/Stueck Peso/Pezzo	Bestandt. Nr. Elemento Nr.	Bemerkungen Osservazioni
Rubrik Rubrica			kg.			

Freimass-Toleranzen/tolleranze della misure libere

Aenderungen:
Modifiche: Ⓐ Ⓑ



Keine
Nessuna
Stueckliste
separat
Lista pezzi
separata

Ersetzt durch
Sostituito da
Ersatz fuer
Sostituisce

Typ:
Tipo:

U2-U4

Massstab
Scala

1:1

Gezeichnet
Disegnato

VICENTINI 13-05-2010

Geprueft
Controllato

Servisi 18-01-2010

Servisi 14-03-2011

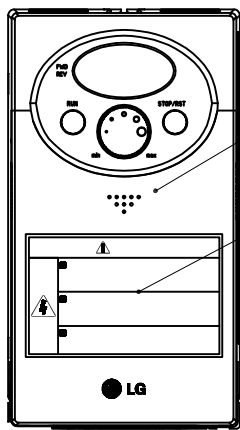
Gesehen
Visto

INVERTER FILM FS400

FROMMM

FS4.1593

Aenderungen:
Modifiche:



2 PARAMETER LIST

-----[DRV]-----

Acc	0.2	sec	Acceleration time 0
Dec	0.2	sec	Deceleration time 0
Frq	4		Freq. Setting mode

-----[FU1]-----

F8	0.50	Hz	DC Brake start frequency
F10	80	%	DC Brake voltage
F11	0.1	sec	DC Brake time
F14	0.1	sec	Motor Magnetizing time
F22	50.00	Hz	Base Frequency
F23	0.10	Hz	Start Frequency
F27	1		Man/Auto Torque select
F50	1		Electronic thermal select

-----[FU2]-----

H33	1.9	A	Motor rated current
H40	3		Control mode
H41	1		Auto tuning

-----[IO]-----

I12	0.00	mA	I input minimum current
I55	16		30-A/B/C output working

1	PROGRAMMING FILE	2	PARAMETER LIST			
	INVERTER TABLE	1	LS INDUSTRIAL SYSTEMS		N51.5427	SV04-iC5-1F

Gebrauch Zchg. Usò del disegno	Stueckzahl Numero pezzi	Gegenstand Oggetto	Pos.	Werkstoff Materiale	Gewicht/Stueck Peso/Pezzo	Bestandt. Nr. Elemento Nr.	Bemerkungen Osservazioni
	Rubrik Rubrica						

Freimass-Toleranzen/Tolleranze della misure libere	Aenderungen: Modifiche:		Keine Nessuna Stueckliste separat Lista pezzi separata	Ersetzt durch Sostituito da Ersatz fuer Sostituisce		
	Typ: Tipo:	U 1	Massstab Scala 1:1	Gezeichnet Disegnato	VICENTINI	13-05-2010
	INVERTER CARRIAGE FS400			Geprueft Controllato		
	FROMMM			Gesehen Visto		
			FS4.1594			