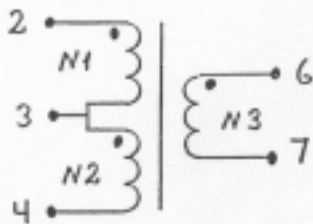


\*



CONNECTION: \_\_\_\_\_

NO. OF PHASES: \_\_\_\_\_ \* CORE TYPE: RM6 MAGNETIC FLUX: 0,06 TESLA  
 CHOKE: INDUCTANCE: \_\_\_\_\_ \*H<sup>±</sup> - \*% AT CURRENT: \_\_\_\_\_ \* ADC/AAC \_\_\_\_\_ Hz  
 TRANSFORMER: FREQUENCY: 300k\*Hz RATED POWER: \_\_\_\_\_ TRANSFERRED POWER: 0,7w

PRIMARY:P SECONDARY:S	TERMINAL * DESIGNATION	COIL * NUMBER	VOLTAGE * (V)	CURRENT (A)	WIRE GAUGE (MM)	NUMBER OF WINDINGS
P	2-3	N1	12	0,15	0,25	10
P	3-4	N2	12	0,15	0,25	10
S	6-7	N3	10,8	0,2	0,25	9

MAGNETIZING CURRENT: \_\_\_\_\_ A<sup>±</sup> \_\_\_\_\_ % COOLING: NATURAL CONVECTION: X  
 AT \_\_\_\_\_ VAC \_\_\_\_\_ Hz FORCED AIR, VELOCITY: \_\_\_\_\_ M/S  
 BETWEEN TERMINALS \_\_\_\_\_ WEIGHT: \_\_\_\_\_ 0,007 KG  
 AIR GAP: \_\_\_\_\_ 0 MM MECHANICAL DIMENSIONS: DRWG.NO. 1.400.052 \*  
 IMPREGNATION: \_\_\_\_\_ SPECIAL REQUIREMENTS\*.  
 INSULATION: CLASS (IEC85): \_\_\_\_\_ Y \* SEE SHEET 2 of 3  
 TEST VOLTAGE: 3,6 kVrms \* \*MUST ALWAYS BE FILLED IN

MARK	CORRECTION	DATE	SIGN.	SCALE	silcon		TITLE
							Transformer for Iso-Driver
					DATE	SIGN.	SHEET 1 OF 3
					DRWEN	89-10-27	DRWING NO.
					CHECKED	93-05-03	30645
					ISSUE NO.	2	

Title: Spec. Transf. f. Iso-Driver, 30.645	Reg.No.: 0.030.645GB		
Init.: OLT	Date : 89-10-27	Rev.No.: 02	
Rev. : NBM	Appr.: <i>SE</i>	Rev.Date: 93-05-03	Page : 02 of 03

Winding procedure for transformer no. 30.645

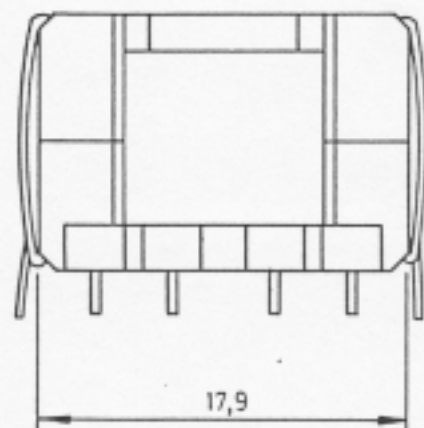
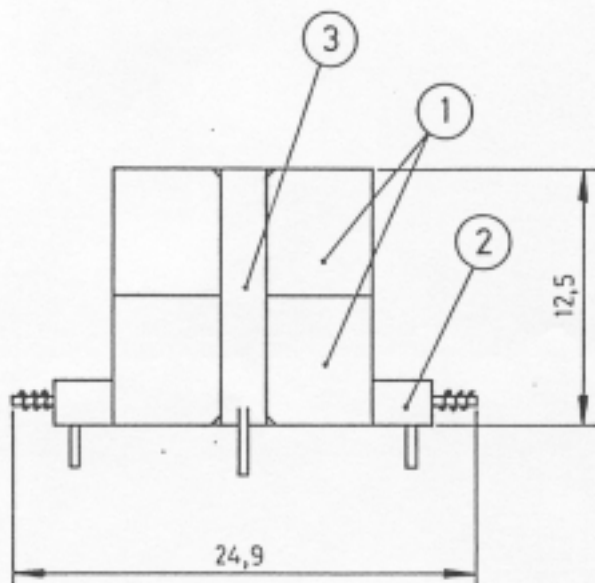
1. Wire type "REINSHAGEN - TYPE 8Y13", AWG 30/1 must be used for all windings.
2. The wires of N1 and N2 must be wound in one operation with parallel wires.
3. Put on two layers of tape after N1-N2. The tape must reach to both sides, so that N1 and N2 are completely covered.
4. Winding of N3.
5. Finalize with one layer of tape after N3.
6. The wires must be soldered to the terminals according to the numbers of the electrical diagram and drawing no. 1.400.052.
7. The two core halves of the transformer must be mounted and locked with the belonging clips.
8. Stick a label with Silcon Type No. 30.645 on to the transformer.
9. The transformer must be tested according to Silcon Test Procedure No. 7.100.278.

Title: Spec. Transf. f. Iso-Driver, 30.645    Reg.No.: 0.030.645GB  
 Init.: OLT    Date : 89-10-27    Rev.No.: 02  
 Rev. : NBM    Appr.: *HL*    Rev.Date: 93-05-03    Page : 03 of 03

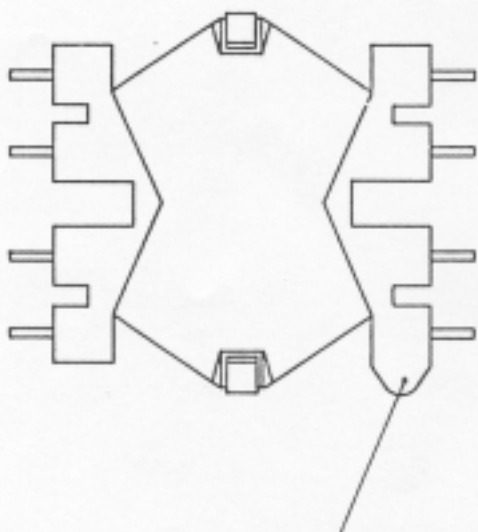
POS. NO.	DESCRIPTION	PCS.	MANUFACTURERS			
			SIEMENS	SEI	PHILIPS	
1	Ferrite Core 1	2			4322- 020- 27950	
1	Ferrite Core 2	1	B65807- C-R26	MZ806/T /L2		
2	Coil Former	1	B65808- B1508-T1	MM846- 1A8	4322- 021- 34040	
3	Clips	2	B65808- C2002	MM806- 1/2	4322- 021- 31780-	

Notes:

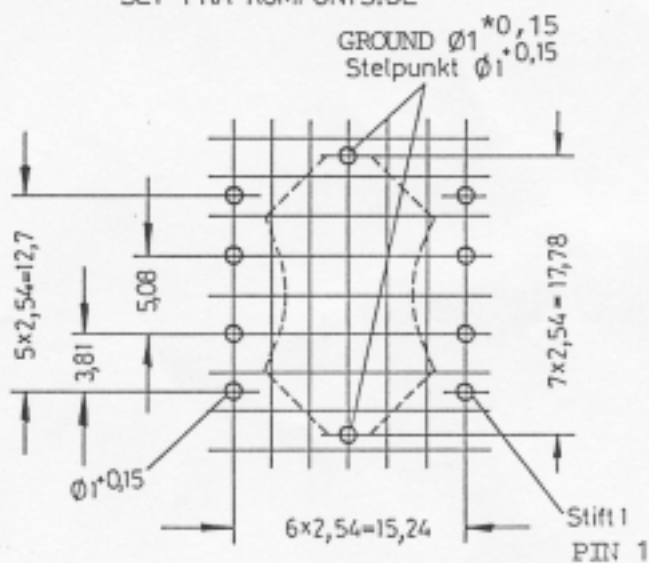
Ferrite Core 1: Order no. for one core half.  
 Ferrite Core 2: Order no. for two core halves.  
 Pos. no. refers to drawing no. 1.400.052.



LOCATION OF HOLES FOR PCB  
LAYOUT SEEN FROM THE COM-  
PONENT SIDE  
HULPLACERING FOR PRINTLAYOUT  
SET FRA KOMPONENTSIDE



KENDETEGN FOR BEN 1  
MARK OF PIN 1



MARK	CORRECTION	DATE	SIGN.	SCALE	silcon		TITLE
				—			TRAF0 FOR PSU
					DATE	SIGN.	DRAWING NO.
				DRAWN	87 - 10 - 15	ALA	1.400.052
				CHECKED	87 - 10 - 21	OLT	
				ISSUE NO.	89-10-17	02	