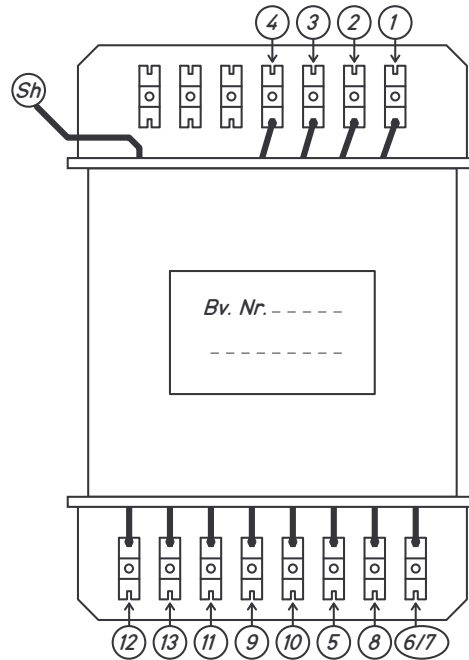
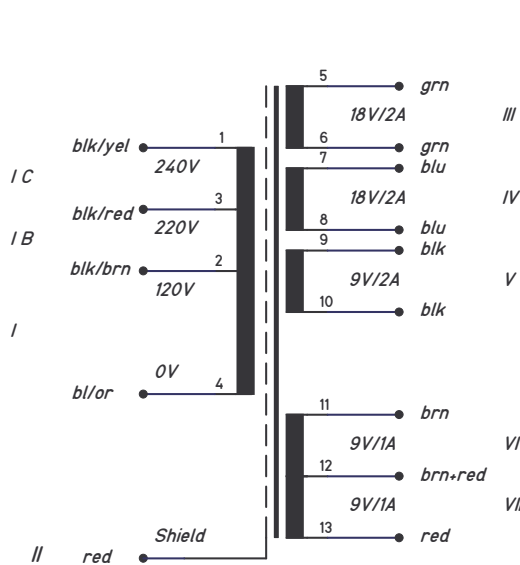


# TRANSFORMER – SPECIFICATION



Use 0.1 mm Hostafan (Polyester) Insulation with serrated border

Core Des:	M 85	Core Material:	Dyn. Bl. IV	Lamination Thickness:	0.35 mm	Airgap:	n/a	Number of Laminations:	ca. 150
Magnetic Induction:	12000 Gauss	Inside Flux Density:	2.4A / mm <sup>2</sup>	Outside Flux Density:	2.8A / mm <sup>2</sup>				

## Winding Data:

Wdg Nr:	Winding Description	Wire Gauge	Number of Turns	Color		Connection		Comments
				Beg	End	Beg	End	
I	Wpr 1	n/a	n/a	blk/yel	blk/yel	1	2	Original WG Primaerwicklung
I B	Wpr 1b	n/a	n/a	blk/yel	blk/yel	2b	3	Original WG Primaerwicklung
I C	Wpr 1c	n/a	n/a	blk/yel	blk/yel	3b	4	Original WG Primaerwicklung
II	Shield	n/a	1 Layer	red	n/a	See Comment		Attach to a solder lug under nearest mounting screw Original WG Schirmwicklung
III	Wsec 1	1.2 Cul	54	grn	grn	5	6	Layer Insulation: 1x 0.03 Hostafan Cover Insulation: 2x 0.1mm Hostafan
IV	Wsec 2	1.2 Cul	54	blue	blue	7	8	Layer Insulation: 1x 0.03 Hostafan Cover Insulation: 2x 0.1mm Hostafan
V	Wsec 3	1.2 Cul	26	blk	blk	9	10	Layer Insulation: 1x 0.03 Hostafan Cover Insulation: 2x 0.1mm Hostafan
VI	Wsec 4	0.7 Cul	26	brn	red	11	12	Layer Insulation: 1x 0.03 Hostafan Cover Insulation: 2x 0.1mm Hostafan
VII	Wsec 5	0.7 Cul	26	brn	red	13	14	Layer Insulation: 1x 0.03 Hostafan Cover Insulation: 2x 0.1mm Hostafan

Description: Rewound WG Power Transformer for LMG30/2 Lab Power Supply (Made in 1983)				Repl. for: New		BV. Nr. BV830001	
				Appl. LMG30/2		Size: A	Intern
				Cust: Intern		Mfr:	Rev: 0
Date	Name	Change Index	Change Notification Nr.	Date	Name	Title: LMG30/2 Netztrafo	
Drawn	14-Nov-2010	GJO				File: BV83001.sch	
Modified						Sheet 1 of 1	
Checked							