

**General Data :**

Construction regulation : 20 G 1208.0103  
 Type : singel-phase control transformer/rectifier

Customer : Elektro Spangler  
 identification : --

Constructional features : vertical magnetic axis  
 Surface : resin impregnation  
 According to regulation : DIN EN 60742, VDE 0551, DIN EN 61558, Teil 2-4 und 6, VDE 0570  
 Conection : terminal block

Core section : EI 120 according to DIN 41302 T1  
 Coil form : EI 120/73 1Ka/MS  
 Material : V530-50  
 Material : Durethan BKV30H

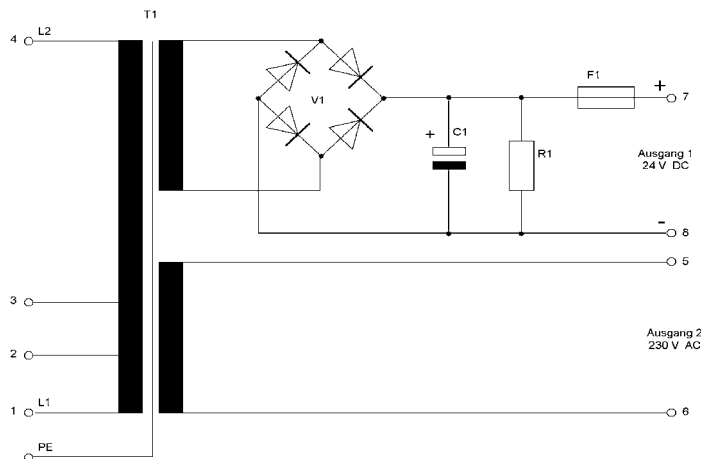
**Electrical data :**

Nominal input voltage V : 475-500-525  
 Nominal output voltage V : 230 AC  
 Nominal output voltage V : 24 DC  
 Rated power VA/W : 230/288  
 Short time power kVA : --  
 Frequency Hz : 50/60  
 Temperature class : T40/E  
 Rated current A : 1,23-1,17-1,12  
 Rated current A : 1,00AC  
 Rated current A : 12,0 DC  
 Operation : DB  
 Vector group : li0  
 Percentage duty cycle : 100 %

**Testing :**

Type : Routine check test  
 according to regulation : VDE 0570 2-4, High voltage test according to VDE 0570 2-4  
 No-load test : Voltages and currents as nominal values (see above)  
 High voltage test : 5 kV; chassis to winding and winding to winding for 60 sec.

**Circuit diagramm :**



Member	Description	Typ	Manufact.
T1	Transformer	EI 120/73 1K	UEN
F1	Fuse	Automat 15 A	CONRAD
V1	Rectifier	KBPC 2502	MÜTRON
C1	Kondensator	10000 µF/40 V	F+T
R1	Resistor	680 R/4 W	Mütron

**Terminal connecting diagramm :**

Terminal.	1	2	3	4	5	6	7	8
Voltage	0	475	500	525	0	230 AC	0 +	24 DC -