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Revisions

Rev.	Description	Date	Executor
05			
04			
03			
02			
01	Issue	04/05/22	Parlione M.



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	code	Rev.	Date	Description	Page
	PS-EI10826CV-N	01	04/05/22	280VA Tube Power Transformer	1 of 4

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Technical data

Isolating Transformer

Total Power: 280VA

Input voltage: 0-100-120-230-240, Frequency 50-60Hz

Transformer not protected against short circuit

Provide a fuse in primary side: T3.15A for 100V / T2.5A for 120V / T1.25A for 230 and 240V

Output 1: 360VAC 0.55A (No-load voltage: 374V, voltage at rated load: $\geq 357V$)
Recommended fuse: T 0.63A

Output 2: 100VAC 0.10A (No-load voltage: 102.5V, voltage at rated load: $\geq 99V$)
Recommended fuse: T 0.16A

Output 3: 6.3VAC 8.5A (No-load voltage: 6.70V, voltage at rated load: $\geq 6.2V$)
Recommended fuse: T 10A

Output 4: 9.0VAC 2A (No-load voltage: 9.38V, voltage at rated load: $\geq 9.0V$)
Recommended fuse: T 2.5A

Wire screen between primary and secondary winding

Maximum ambient temperature: t_a 50°C

Thermal classification: E (120°C)

Insulation resistance PRI/SEC: $>7M\Omega$

Dielectric strength PRI/SEC: 3000VAC

Normal environment

Overvoltage category: II

Weight: 4400gr


Protection against electric shock: determined based on how the transformer is incorporated.

Built-in transformer for specific use

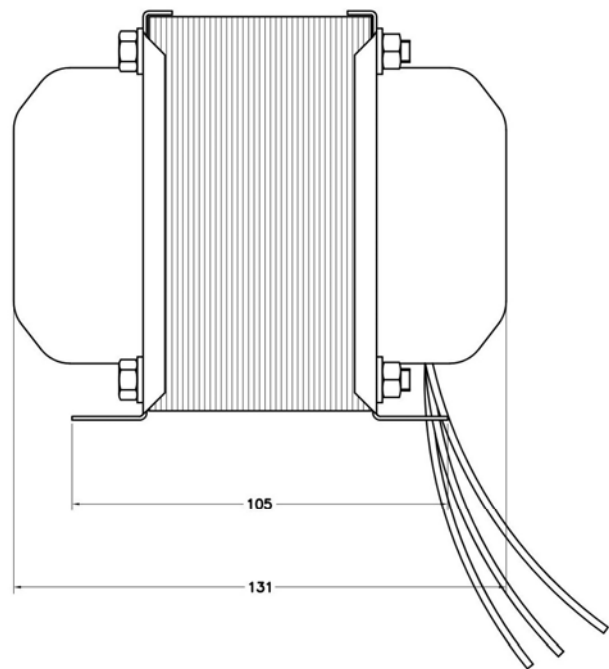
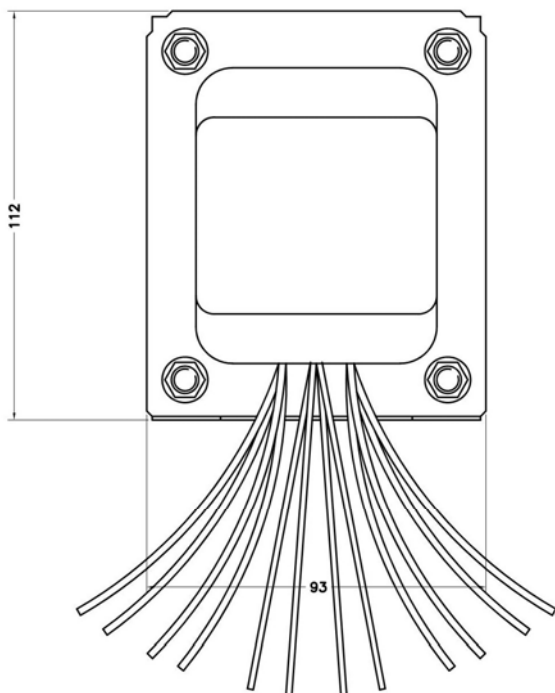
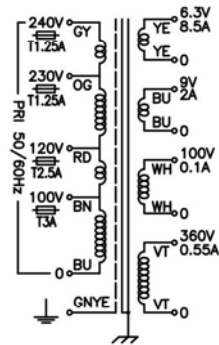
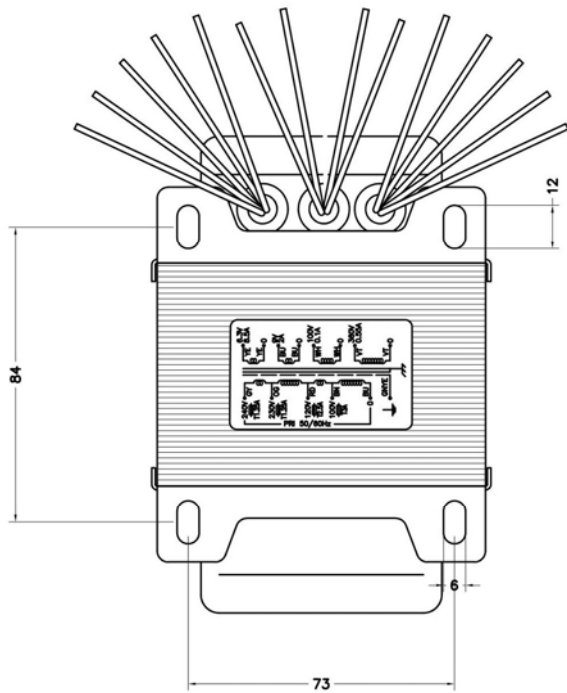
Continuous use

Z type cable connection


Compliant CEI EN IEC 61558-1: 2021-05 / CEI EN IEC 61558-2-4: 2010-02

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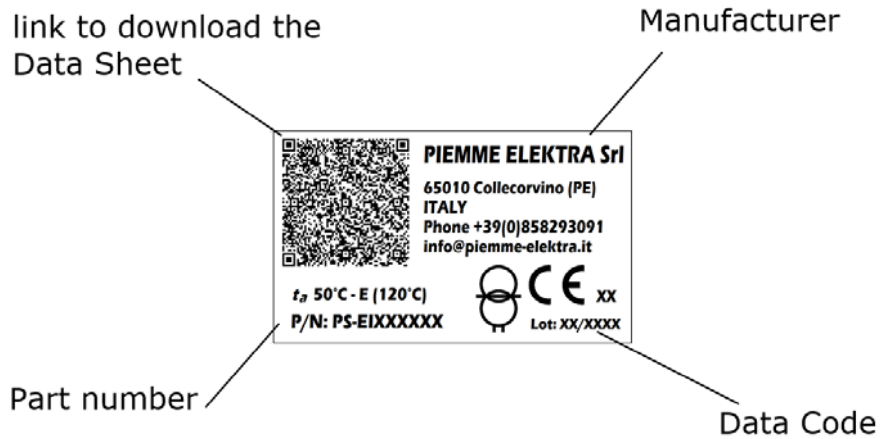
Drawing



Dimensions in millimeters


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Identification



Main materials list

Ref.	Description	Material	Manufacturer	Manufacturer or Supplier P/N	UL File
1	Coilformer EI108 36x60 PA 6.6 30% F.V.	Latamid 6.6H2G30	LATI Industria Termoplastici spa	1265 CARTOPLAST	E54080
2	Metallic cover cup	Iron	EUROCOMPONENT	CM36/7-Z	NA
3	M6T35 Grain Oriented magnetic sheet 90x108mm	Iron silicon	Trancerie emiliane		NA
4	Duble enameled copper wire 1.0/0.63/0.50/1.40/0.25mm OBMW2 ANSI type MW-79, 155°C	Enameled copper wire	IRCE	Salflex 180	E60641
4.1	Duble enameled copper wire 1.0/0.63/0.50/1.40/0.25mm OBMW2 ANSI type MW-82, MW-83, 180°C	Enameled copper wire	Nexans	Magnesol UN-180	E69919
5	0.5/1.00mm 4kV silicon glass insulating tube -60/+250°C	Silicon/ Fiber glass	ISOLCAVI	GVES4000-xx	E311983
6	750V flexible cable 0.5/1.0sqmm -55/+155°C	-	HUBER+SUHNER	Radox 155	-
7	54x0.075mm 3mm fringed poliester film	Mylar	DUPONT	CIERRE	E93687
8	180°C dipping insulation resin	-	JOHN C. DOLPH COMPANY	HI-THERM® BC-359	180°C UL recognized systems
9	2mils x 38mm adesive poliester film	Mylar	3M	1350 2mils	E17385

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