



TRANSFORMER



Customer: Power Electronics
Code: L8495 **Doc. nº** 2559L8495 **Rev.** 0

Electrical values

Power	64kVA
Connection	YNyn0yn0yn0fn
Input voltage	3x630Vac (Umax_725Vac; Umin_ 492Vac) 3x675Vac (Umax_795Vac; Umin_ 528Vac)
Output voltage	3x430Vac@19kVA (min 25mm2) with tap: 1x93Vac@1,5kVA 3x400@45kVA (duty: 45kVA@4min + 5kVA@6min)
No-load losses	≈ 350W@630Vac
Load losses	≈ 2000W
Short-circuit impedance	≈ 4% (± 20%)
Inrush	≤ 8·In
X/R ratio	1,3

Other values

Operating height	≤ 4000 m.a.s.l. (without derating until 2000 m.a.s.l.)
Operating frequency	50/60 Hz
Maximum ambient temperature	75°C
Maximum temperature rise	75°
Insulation class	H
Cooling method	Natural Air
Degree protection	IP00
Varnished	Yes
Painted (Anti-flash paint)	Yes
Electrostatic screen	Yes (between SEC – PRI circuits)
Electrical insulatio	4kV @ 1 min
Standards	IEC 61558 UL5085-1; UL5085-2 Listed materials
Thermal protector (NC) 160°C	Yes (two inside central winding)

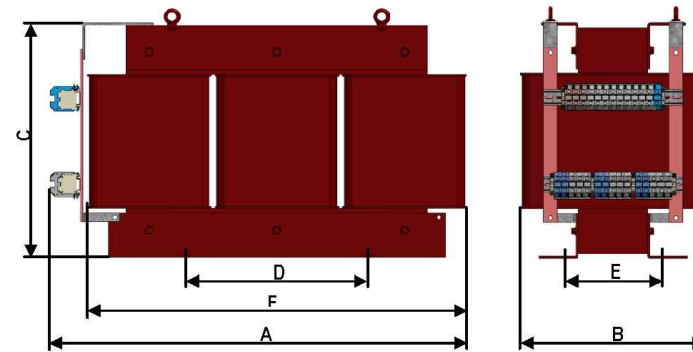
Materials

Name	Manufacturer	Product description	UL file nº
Enamelled wire	Acebsa	Enamelled wire IBERAL AHC G2 (200°C)	E103536
Bobbin	DuPont	Rynite FR530L (180°C)	E69578
Insulation between windings	S.E.G. Royal Diamond	TufQUIN TFT Flexible Insulation (180°C)	E65007
Terminals blocks	Klemsan	AVK 10-50	E212045

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www.jesiva.com
September 2021

**Dimensions and Weight (approx.)**

A	720 mm
B	340 mm (with a tolerance: +20mm)
C	520 mm
D	400 mm between center oblong hole
E	200 mm between center oblong hole
F	φ = 13 mm
Weight	520 mm 250 kg



This is only a reference picture. Terminals could be change according customer requirements.

JESIVA Transformers, S.L.
www.jesiva.com
September 2021

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CLIENT

REWE 2 LIMITED

PROJECT TITLE

NATIONAL ROAD BESS

DRAWING TITLE

AUXILIARY TRANSFORMER DATA SHEET
AND DETAIL

SCALE @ A3

JOB No.	REV.
02	01

DRAWING No.

AUX-01