

This transformer unit will transform every mains voltage worldwide in an 400 Vac output voltage.
The transformer unit has no galvanic isolation and is UL/CSA, RoHS certified



60kVA External Transformer Unit

Ordering code: 4022-430-06561

Specifications:

OUTPUT SPECIFICATION	Condition / remark	Specification
Mains output voltage	Nominal	400 Vac
Overvoltage protection	Primary and secondary	Primary 200A Secondary 100A
Maximum output current		87 A
Total output kVA		60 kVA
Auxiliary output voltage	Potential free contacts	24 Vdc / 10A 230 Vac / 3,5A
EMO-status	Potential free contacts	5 free contacts for EMO-status
External emergency stop	Potential free contacts	2 channel external emergency stop
INPUT SPECIFICATION		
Input voltage	50 / 60 Hz	3x 190 Vac +6% / -5%
	50 / 60 Hz	3x 200 Vac +6% / -10%
	50 / 60 Hz	3x 208 Vac +6% / -10%
	50 / 60 Hz	3x 220 Vac +6% / -10%
	50 / 60 Hz	3x 360 Vac +6% / -10%
	50 / 60 Hz	3x 380 Vac +6% / -10%
	50 / 60 Hz	3x 400 Vac +6% / -10%
	50 / 60 Hz	3x 420 Vac +6% / -10%
	50 / 60 Hz	3x 440 Vac +6% / -10%
	50 / 60 Hz	3x 480 Vac +6% / -10%
Maximum inrush current	active limiting	200 A
Fuses	Primary	200 A
	Secondary	100 A
GENERAL SPECIFICATION		
Weight	Maximum	t.b.s.
Maximum dimensions	W x H x D in mm	800 x 973 x 880 mm
AC-input connection	Internal connection	5 terminal blocks for wire 35 – 95mm ²
Output connection	Internal connection	5 terminal blocks for wire 0,75 – 35mm ²
Colour / finishing		Belticryl two component lack (ferrite black)
Cooling		Free convection; internal forced air cooling
Wheels		2 wheels with fixed castor and 2 wheels with swivel castor
Housing		Stainless steel
Voltage setting method		Tap up / down by internal wire connection
Protections		Safety relay (Category 4 conform EN954-1) Emergency stop (push button) Thermal protection
Shock resistance		Earthquake rated up to 4G in all directions
Temperature range operational		0 – 45 °C
Storage temperature		0 – 35 °C

ENVIRONMENTAL SPECIFICATION		
EMC-emission		EN 61000-6-3 and EN 61000-6-4
EMC-immunity		EN 61000-6-1 and EN 61000-6-2
Safety	Acc. CE-mark	Designed to meet EN 61010, NFPA 79, SEMI S10, SEMI S8, EN 60950, UL 1950
RoHS	Every components	EU Directive 2002/95/EC
Humidity	40 °C	< 95% non condensing
Input-ouput isolation	At sea level	2200 Vac (for all outputs)
Input-case isolation test voltage	At sea level	2200 Vac
Output-case isolation test voltage	At sea level	2200 Vac
Input – 24Vdc isolation test	At sea level	3000 Vac

Dimensions:

