

Transformer Supplies

Modern T01 transformer power supplies meet international specifications and have been designed and developed to the following criteria:

- » Input ranges:
1x208VAC / 1x220VAC / 1x230VAC / 1x240VAC
3x230VAC / 3x400VAC / 3x480VAC
- » Three power classes:
420VA / 900VA / 1500VA
- » With integrated bridge inductor, discharge resistor, LED, PTC, secondary protection, and intermediate circuit capacitor
- » Easy, stable installation with bolted mount
- » Optimal space-saving design

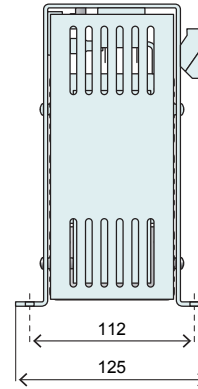
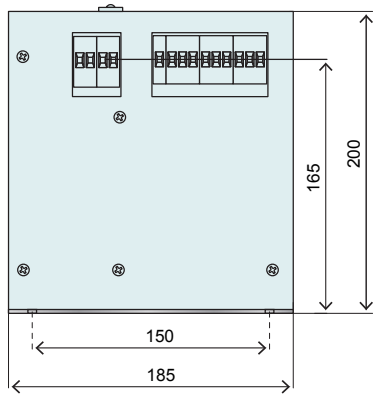


Transformatoren	T01-72/420-1ph	T01-72/420-Multi	T01-72/900-Multi	T01-72/1500-Multi
Power	420 W	420 W	860 W	1140 W
Primary side	AC 208 / 220 / 230 / 240 V	3AC 230 / 400 / 480 V	3AC 230 / 400 / 480 V	3AC 230 / 400 / 480 V
Current	2.57 /.../ 2.25 A	1.1 / 0.7 / 0.6 A	2.3 / 1.3 / 1.1 A	3.5 / 2.0 / 1.7 A
Secondary side	DC 72 V	DC 72 V	DC 72 V	DC 72 V
Current	5.8 A (100% ED)	5.8 A (100% ED) 10 A (35% ED) 15 A (15% ED)	12 A (100% ED) 20 A (35% ED) 30 A (15% ED)	20 A (100% ED) 33 A (35% ED) 50 A (15% ED)
Frequency	50 / 60 Hz	50 / 60 Hz	50 / 60 Hz	50 / 60 Hz
External fuse Primary side	6.3At (slow blow)	3x230V: 3.15At 3x400V: 2.0At 3x480V: 1.6At	3x230V: 8.0At 3x400V: 4.0At 3x480V: 3.15At	3x230V: 10.0At 3x400V: 6.0At 3x480V: 5.0At
Fuse secondary side	15 A 80 V	15 A 80 V	30 A 80 V	2 x 30 A 80 V
Vector group	ii0	DYyd	DYyd	DYyd
Loss of copper	≈ 22.5 W	≈ 22.5 W	≈ 38 W	≈ 44.3 W
Loss of iron	≈ 6.8 W	≈ 7.3 W	≈ 12.2 W	≈ 18.7 W
Copper temperature	≈ 71 K	≈ 37 K	≈ 44 K	≈ 42 K
Iron temperature	≈ 52 K	≈ 33 K	≈ 38 K	≈ 36 K
Set-up location	up to 1000 m over mean sea level	up to 1000 m over mean sea level	up to 1000 m over mean sea level	up to 1000 m over mean sea level
Cooling	AN	AN	AN	AN
Max. ambient temperature	ta 40°C	ta 40°C	ta 40°C	ta 40°C
tested complying to	VDE 570 (EN61558)	VDE 570 (EN61558)	VDE 570 (EN61558)	VDE 570 (EN61558)
Copper weight	≈ 1.2 kg	≈ 2.35 kg	≈ 3.9 kg	≈ 5.8 kg
Total weight	≈ 6.5 kg	≈ 6.5 kg	≈ 12 kg	≈ 19 kg
Continuous Duty	S1 / 100 %	S1 / 100 %	S1 / 100 %	S1 / 100 %
Insulating material class	B	B	B	B
Protection class	IP XXB	IP XXB	IP XXB	IP XXB



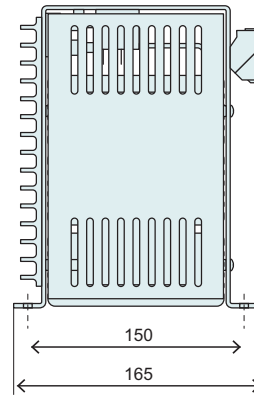
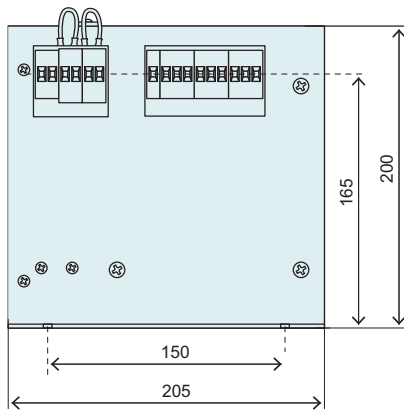
The required external fuse (primary side) can be taken from the table.

420 VA



Weight: 6.6 kg
Dimensions mm

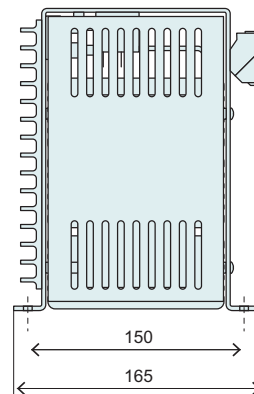
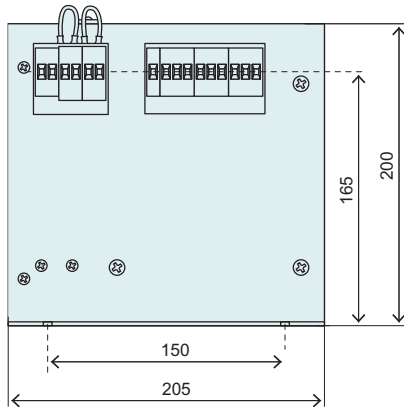
Item	Description	Item-No.
T01-72/420-Multi	Transformer Supply 3x230/400/480 VAC, 50/60Hz, 420VA	0150-1869



Weight: 10.6 kg
Dimensions mm

Item	Description	Item-No.
T01-72/420-1ph	Transformer Supply 1x208/220/230/240VAC, 50/60Hz, 420VA	0150-1859

900 VA

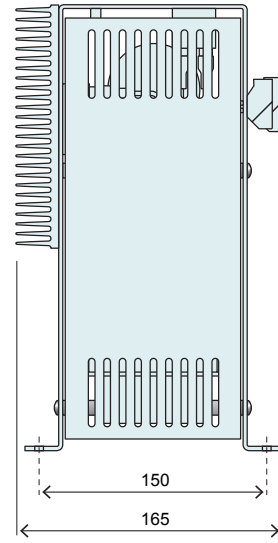
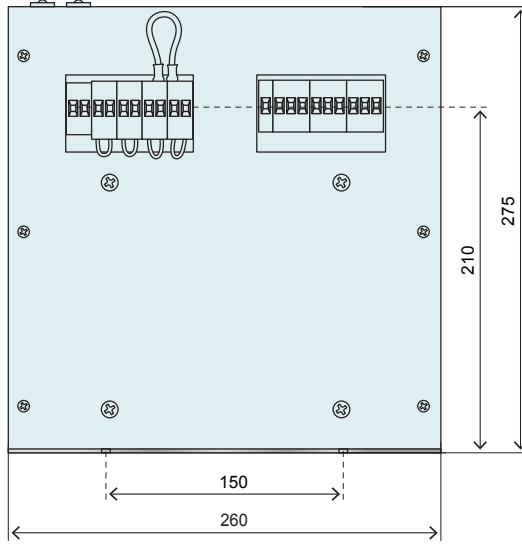


Weight: 10.6 kg
Dimensions mm

Item	Description	Item-No.
T01-72/900-Multi	Transformer Supply 3x230/400/480 VAC, 50/60Hz, 900VA	0150-1870

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1500 VA



Weight: 20 kg
Dimensions mm

Item	Description	Item-No.
T01-72/1500-Multi	Transformer Supply 3x230/400/480 VAC, 50/60Hz, 1500VA	0150-1871

Accessories Transformer Supplies		
Item	Description	Item-No.
TF01-80V/15A	Blade fuse for T01-72/420	0150-1850
TF01-80V/30A	Blade fuse for T01-72/900 & 1500	0150-1851