

Very compact Single / three phase power supply for application with Dc One, Dc One XL, Speed One, Speed One XL & Micro digital One servodrives

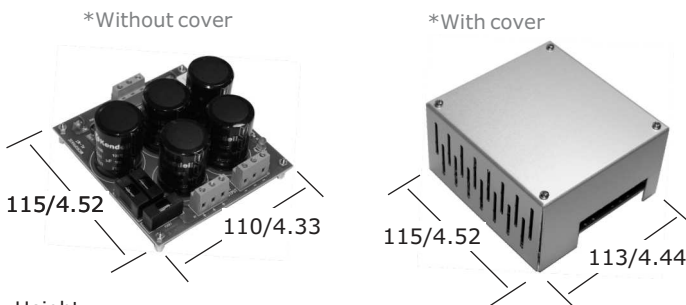
AL-TM

The **AL-TM** is a very compact power supply Single / three phase power supply. Include Bus capacitor up to 11.000 uF, Three fuse protections and led power on. Are available two model, open type and close with aluminum cover.

► Technical data

- Single or three phase power supply
- Ultra compact design
- 1 Led power on indicator
- Three fuse for each DC output with 16A fuse (T type)
- Ambient temperature
- Operating temperature: $0 \div 45^{\circ}\text{C}$ (no derating)
- Storage: $-20 \div 70^{\circ}\text{C}$
- Humidity (w/out condensation): 95% max.
- Enclosure protection: Ip20 with aluminum cover

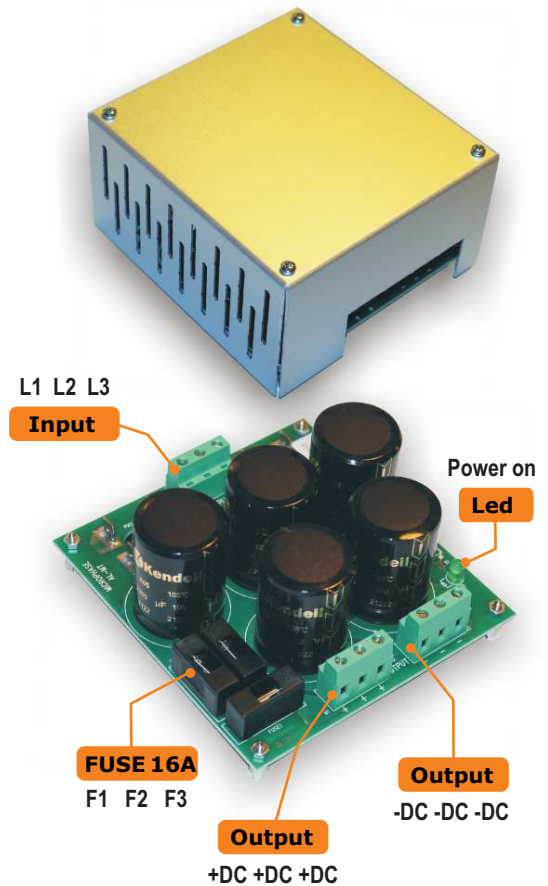
► Mechanical dimensions



Height:
49mm / 1.92 for AL-TM 65
59mm / 2.32 for AL-TM 145 - 205 - 305m

*Dimensions mm / inch

Height=67mm / 2.63



MODEL		AL - TM 65	AL - TM 145	AL - TM 205	AL - TM 305
AC Voltage Supply ⁽³⁾	(Vac)	45	95	145	200/220
DC Voltage Output ⁽⁴⁾	(Vdc)	60	140	205	280/310
Max. ac Input current	(Ac)	20/30 ⁽¹⁾	20/30 ⁽¹⁾	20/30 ⁽¹⁾	20/30 ⁽¹⁾
Max. curr. f or each output	(Adc)	3 x 16 ⁽²⁾	3 x 16 ⁽²⁾	3 x 16 ⁽²⁾	3 x 16 ⁽²⁾
Max. internal capacitors	(uF)	11.000	7500	5000	3000
Voltage capacitors	(Vdc)	100	200/250	300	350/ 400

Ordering code example:

AL TM - 65 - 11K - XX

Product name:
Model:

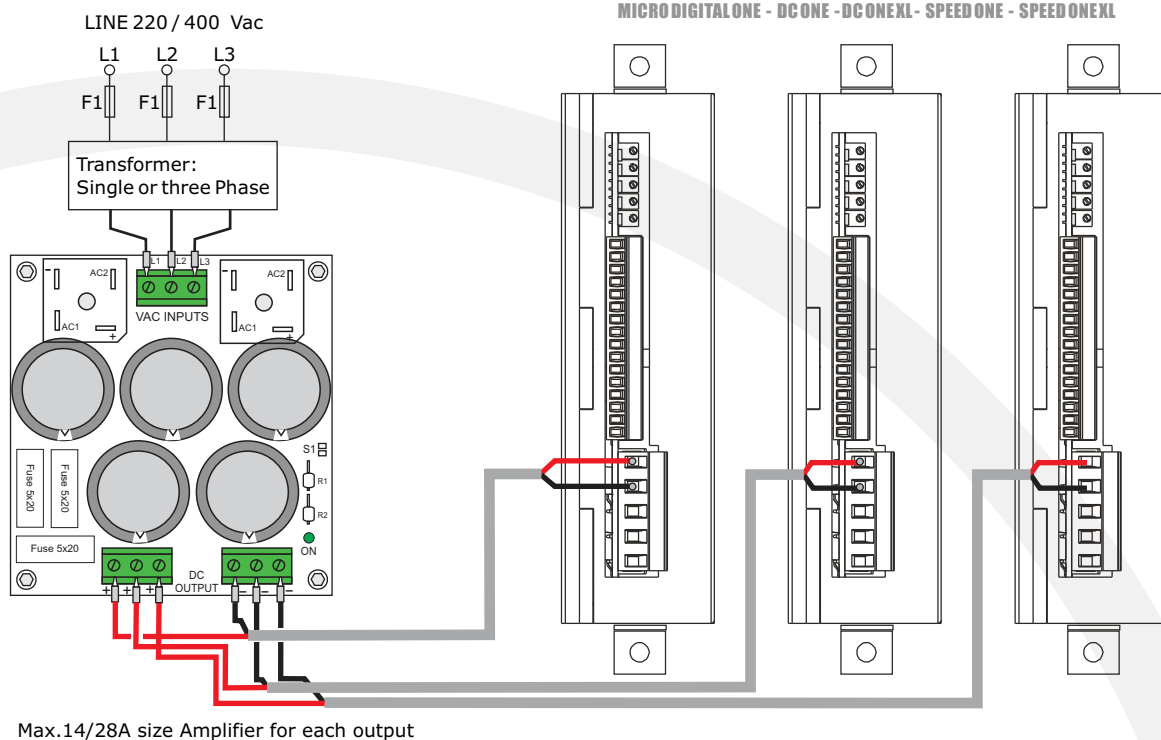
Aluminum cover:
XX= Without
01= With

Capacitors:
11k=11.000uF
7K5=7.500uF
5K=5.000uF
3K=3.000uF

- (1) 20A max for single phase input, or 30A for three phase line input.
(2) With three phase line input.
(3) Nominal voltage, see voltage capacitor for the maximum value.
(4) DC Output voltage is $1.41 \times \text{Vac input (RMS)}$

Pay Attention: The AL-TM card must be mounted on a metal base for heat dissipation.

► Electrical connections



► Electrical connections

