



Power Controller 1 and 3-phase

1,5-18kW

Feb.09

Features

- Power supply 24Vac/dc
- Control Signal 0-10Vdc or Raise/Lower
- PWM control
- Over-temperature protection with auto reset
- Adjustable cycle time & signal rescaling facility
- Manual override facility
- Ambient range 0...+55°C, 80% RH
- Terminals 2,5 mm for control signals
- Neutral pass through terminals
- LED pulses when output on
- DIN rail mounting



CE

TUD 104

Technical Overview

Intended for control of electric heating loads to provide continuously adjustable control of the power output in proportion to the demand control signal.

Accurate and noise free control is achieved by electric switching of the AC supply using semiconductor relays.

Applications:

- electric heater batteries
- ceiling heating
- radiant heating
- hot water tanks
- heating cable
- furnaces
- plastic processing equipment.



TUD 102

Type	Max. Heater Duty (kW)	Max Load Ampere	Phase(s)	Rated Supply	EUR Price
TUD 102	2	8,7A	1	220-255Vac@50-60Hz	120
TUD 102RL	2 Raise/Lower	8,7A	1	220-255Vac@50-60Hz	on request
TUD 104	4	18A	1	220-255Vac@50-60Hz	240
TUD 104RL	4 Raise/Lower	18A	1	220-255Vac@50-60Hz	300
TUD 106	6	25A	1	220-255Vac@50-60Hz	320
TUD 109	9	37,5A	1	220-255Vac@50-60Hz	460
TUD 109RL	4 Raise/Lower	37,5A	1	220-255Vac@50-60Hz	on request



TUD 312	12	16,5A	3	380-440Vac@50-60Hz	370
TUD 318	18	25A	3	380-440Vac@50-60Hz	500



Power Controller 3-phase

27-400kW

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Features

- Three phase regulation up to 400kW
- Power supply 24Vac/dc
- Control Signal 0-10Vdc
- Over-temperature protection with auto reset and alarm output
- Adjustable cycle time & signal rescaling facility
- Manual override facility
- Ambient range 0...+55°C, 80% RH
- 1 LED indication
- Panel mounting



TUP 327-354



Technical Overview

Intended for control of electric heating loads to provide continuously adjustable control of the power output in proportion to the demand control signal.

Accurate and noise free control is achieved by electric switching of the AC supply using semiconductor relays.



TUP 372-3105

Applications:

- electric heater batteries
- ceiling heating
- radiant heating
- hot water tanks
- heating cable
- furnaces
- plastic processing equipment.



TUP 3150-3400

Type	Max. Heater Duty (kW)	Max Ampere	Phases	Rated Supply	EUR Price
TUP 327	27	37,5	3	380-440Vac@50-60Hz	900
TUP 336	36	52,2	3	380-440Vac@50-60Hz	1050
TUP 354	54	78,2	3	380-440Vac@50-60Hz	1250
TUP 372	72	104,4	3	380-440Vac@50-60Hz	1500
TUP 3105	105	152,2	3	380-440Vac@50-60Hz	1800
TUP 3150	150	217,4	3	380-440Vac@50-60Hz	4000
TUP 3180	180	see datasheet	3	380-440Vac@50-60Hz	on request
TUP 3280	280	see datasheet	3	380-440Vac@50-60Hz	on request
TUP 3400	400	see datasheet	3	380-440Vac@50-60Hz	on request