

Fan 60 x 60, 12 V HP - high power fan including fan grill



Technical specifications:

Supply voltage	+12 V DC
Current consumption	typ. 0.47 A
Airflow	63 m3/h
Noise	44 dBA
Bearing System	Ball
Dimensions	60x60x25 mm
Fan grill	60x60 mm

Fan 60 x 60, 24 V HP - high power fan
including fan grill



Technical specifications:

Supply voltage	+24 V DC
Current consumption	typ. 0.24 A
Airflow	46,8 m3/h
Noise	39 dBA
Bearing System	Ball
Dimensions	60x60x25 mm
Fan grill	60x60 mm

Fan 80 x 80, 12 V

including fan grill



Technical specifications:

Supply voltage	+12 V DC
Current consumption	typ. 0.2 A
Airflow	70 m3/h
Noise	35 dBA
Bearing System	Ball
Dimensions	80x80x25 mm
Fan grill	80x80 mm

Fan 80 x 80, 24V HP - high power fan including fan grill



Technical specifications:

Supply voltage	+24 V DC
Current consumption	typ. 0.2 A
Airflow	90 m3/h
Noise	40 dBA
Bearing System	Ball
Dimensions	80x80x25 mm
Fan grill	80x80 mm

Fan 80 x 80, 12 V HP - high power fan including fan grill



Technical specifications:

Supply voltage	+12 V DC
Current consumption	typ. 0.35 A
Airflow	90 m3/h
Noise	40 dBA
Bearing System	Ball
Dimensions	80x80x25 mm
Fan grill	80x80 mm

Fan 80 x 80, 24 V

including fan grill



Technical specifications:

Supply voltage	+24 V DC
Current consumption	typ. 0.07 A
Airflow	70 m3/h
Noise	33 dBA
Bearing System	Ball
Dimensions	80x80x25 mm
Fan grill	80x80 mm

Fan 120 x 120, 24 V

including fan grill



Technical specifications:

Supply voltage	+24 V DC
Current consumption	typ. 0.4 A
Airflow	234.4 m3/h
Noise	48 dBA
Bearing System	Ball
Dimensions	120 x 120 x 38 mm
Fan grill	120 x 120 mm

**Fan 120 x 120, 12 V HP - high power fan
including fan grill**



Technical specifications:

Supply voltage	+12 V DC
Current consumption	typ. 1.6 A
Airflow	323 m3/h
Noise	54 dBA
Bearing System	Ball
Dimensions	120 x 120 x 38 mm
Fan grill	120 x 120 mm

Fan 120 x 120, 12V

includig fan grill



Technical specifications:

Supply voltage	+12 V DC
Current consumption	0.8 A
Airflow	234.4 m3/h
Noise	48 dBA
Bearing System	Ball
Dimensions	120 x 120 x 38 mm
Fan grill	120 x 120 mm

Fan 60 x 60, 12 V

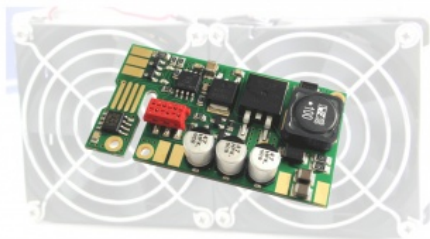
including fan grill



Technical specifications:

Supply voltage	+12 V DC
Current consumption	typ. 0.15 A
Airflow	40 m³/h
Noise	34.5
Bearing System	Ball
Dimensions	60x60x25 mm
Fan grill	60x60 mm

KU LS2 PWM, Fan controller



Description

The Universal PWM Fan Controller KU LS2 PWM is designed for professional and semi-professional applications. It controls the power / speed of the fans in accordance to the measured temperature. Multiple fans of the same type can be used in parallel. The digital temperature sensor works with a precision of $\pm 1\text{ }^{\circ}\text{C}$ and can be operated remotely. The fans are controlled by a pulse width modulation (PWM) with a switching frequency of typ. 18 kHz. Most off-the-shelf fans (incl. those with integrated electronic circuitry) in the supply voltage range of 12 ... 28 V DC can be used. Please notice the specifications of the fan manufacturer!

Features

- Easy integration and wiring due to the compact design
- High efficiency (no linear voltage regulator - not additional heat)
- Energy saving with power management
- Direct temperature monitoring and exact switching points
- Two alarm output in case of temperature excess (55°C/65°C)
- Reduction of noise disturbance

Technical specifications:

PWM Frequency	typ. 18 kHz
Power Rating	max. 3.0 A
Supply voltage	+12 ... 28 V DC
Current consumption (standby)	typ. 20 mA
Alarm output	max. 30 mA
Connectors	Solder pads
Dimensions	55 x 30 x 10
Weight	typ. 15 g

Fan 60 x 60, 24V

including fan grill



Technical specifications:

Supply voltage	+24 V DC
Current consumption	typ. 0.15 A
Airflow	40 m3/h
Noise	34.5
Bearing System	Ball
Dimensions	60x60x25 mm
Fan grill	60x60 mm