

MICRORACK 25

Digital Dimmer for 19" rack-mount
12 x 2.3 kW (10 A)



12 x 2.3 kW high density unit designed for insertion in touring racks and for fixed installations in MEMORACK 180 cabinets or standard 19" racks.

Combining high quality with low cost and above average performance, for general purpose applications in **stage and architectural lighting** whenever space, cost and reliability are the prime considerations. This equipment is available with all standard European outlets.

Main Features

- 3-key keypad, 4-character LED display and user-friendly menu for easy access to all dimmer functions
- local test of a dimmer (steady or chaser)
- 10 dimmer laws selectable per dimmer
- fade smoothing (4000-step resolution)
- last lighting cue maintained in case of DMX signal interruption
- permanent storage of all programmed data
- protection circuitry against accidental 400 V wiring
- local status reporting: 400 V - overtemperature - fan failure - processor check - presence of DMX signal - DMX and analogue control levels
- first dimmer address selection
- storage of a lighting cue
- low noise fans for effective cooling with automatic fan-stop
- overtemperature protection through gradual dimmer fade out

Technical Specifications

- available with AMP, SOCAPEX or Twin Wieland outlets
- power supply: 230 V / 400 V Star 3NPE (TN-S), 50/60 Hz
- individual protection by MCB / 1P (standard version); optional 1P+N protection with MCB's or HRC fuses with "fuse OK" neon indicator and slot for spare fuse
- suitable for continuous duty at 12 x 10 A at 35 °C (12 x 2.3 kW at 230 V)
- DMX512/1990 input (XLR5) with galvanic isolation and optional analogue inputs 0/+10 V (DB25-S)



MICRORACK's, like MEMORACK's
can be supplied in flight cases upon request

Supplied with :

- Instruction manual

Characteristics

Power Supply : 230 V - 50/60 Hz (198 V to 264 V)
Rated current : 40 A per phase

Dimensions

W x D x H (mm) : 484 x 500 x 133
Net Weight (kg) : 17

Packing

Dimensions (mm) : 540 x 595 x 245
Gross Weight (kg) : 19

MICRORACK 25

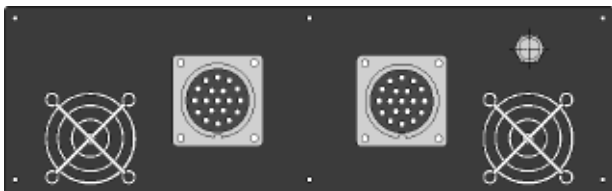
Standard Outlets Panels

• Outputs:

2 x AMP (12P - 15 A) - DMX front



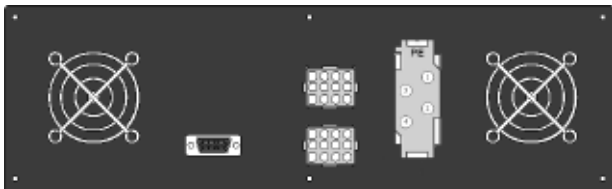
2 x SOCAPEX 419 - DMX front



12 x twin Wieland ST18/3 (Series 120 V or parallel 230 V) - DMX front



2 x AMP (12P - 15 A) - compatible for use in MEMORACK 180 - DMX rear (IEEE 488)



Options and accessories

- Fuse/1P+N instead of MCB/1P protection, for 12 dimmers
- MCB/1P+N instead of MCB/1P protection, for 12 dimmers
- analogue input 0/+10 V retrofit kit for 12 dimmers
- fitted with 2 m supply cable (EPR; 5 x 4 mm²)
- pairs of telescopic guides - 1 required per MIR 25
- XLR5-M connector
- XLR5-F connector
- AMP output kit for 12 x 3 kW (1P+N): factory-cripped mating connector with 2 m colour coded cable

This equipment complies with all applicable European directives and carries a CE mark.

Retrofit Kits

- 12 analogue inputs, DB25-S receptacle
- telescopic guiding rails

Front Panel



Indicators

- presence of DMX signal
- microprocessor running
- error messages : 400 V wiring error, temperature warning, fan failure, missing phase, DMX error, ...
- display of DMX or analogue levels in %

Protections

- standard: MCB-1P
- optional: MCB - 1P+N
- optional 1P+N fuses (HRC 10 x 38 mm) selected for continuous use at 10 A
- protection circuitry against accidental 400 V wiring errors
- overtemperature protection (gradual fade-out)

Power Supply Connection

- terminal strip, 3-phase
- steel pressure gland (PG) for Ø 29 mm cable

Mains Supply

- star mains supply 3NPE (TN-S) 400 V
- single-phase operation possible (single-pole protected)

Local Control without Lighting Desk

- test chaser: dimmers are sequentially faded up and down
- setting of a dimmer level
- creation of a lighting cue

Control protocols

- digital: DMX512/1990 on XLR5 or IEEE 488 connectors
- analogue (option): 0/+10V on DB25-S receptacle
- connector pin-out printed on the front panel

Output wiring

- SOCAPEX-compatible and Wieland outlets are fitted with extended PE contacts
- the versions with SOCAPEX-compatible and Wieland ST18/3 outputs provide P+N+PE per dimmer
- the versions with 1P+N wiring and AMP outputs provide P+N per dimmer; the wiring of PE to the loads will be external to the MICRORACK
- the versions with 1P wiring and AMP outputs provide P per dimmer; the wiring of N and PE to the loads will be external to the MICRORACK

ADB - Your Partner for Light

ISO 9001 : 2000 certified

Belgium N.V. ADB-TTV Technologies S.A.

(Group Headquarters) Leuvensesteenweg 585, B-1930 Zaventem
Tel : 32.2.709.32.11, Fax : 32.2.709.32.80,
E-Mail : adb@adblighting.com

Deutschland ADB GmbH

Dieselstraße 4, D-63165 Mühlheim am Main
Tel : 49.6108.91.250, Fax : 49.6108.91.25.25
E-Mail : adblighting@t-online.de

France ADB S.A.S.

Sales office: 168/170, boulevard Camélinat F-92240 Malakoff
Tel : 33.1.41.17.48.50, Fax : 33.1.42.53.54.76, E-Mail : adb.fr@adblighting.com

Factory & group logistics centre: Zone industrielle Rouvroy F-02100 Saint-Quentin
Tel : 33.3.23.06.35.70, Fax : 33.3.23.67.66.56, E-Mail : adb.fr@adblighting.com

ADB
Lighting Technologies

DS-9073-E-03h Subject to modifications