



# MICON SERIES

Designed & Manufactured  
by ELECTRON SA



## ARCHITECTURAL WALL-MOUNTED DIMMERS AND FLUORESCENT CONTROLLERS

MICON is an extremely reliable and economic lighting controller that offers energy saving solutions. It is suitable for medium and small lighting control applications in hotels, restaurants, multi-use buildings, board rooms, cinemas, retail stores, foyers, offices, pubs, public areas, churches, museums and other architectural applications. Each controller has two on-board push buttons per channel for simple up/down stand alone operation. Each controller can be remote controlled by MICON B series of control panels or by any simple slider / potentiometer or conventional up / down push buttons available in the market. On top of these, the controllers can be connected to the ELECTRON Easynet for more sophisticated remote control solutions. This feature is offered by the MICON E series of control panels. The MICON series will provide reliable performance over many years.



### MICON F SERIES

#### MICON FLUORESCENT CONTROLLERS

The MICON F series of controllers is designed to control High Frequency Fluorescent Ballasts. Each channel provides a relay power circuit and a control output of 1/+10V for dimming fluorescent lamps. The HF Ballasts are very efficient and are offered by a significant number of manufacturers in the market. When calculating the load power it is recommended to multiply the number of lamps x lamp wattage x 1,1. In order to prevent mains instant overloading, the MICON F series has a factory set soft start of 1 sec.

The power relays of the MICON F series can be used to switch on/ off non dimmable loads.

Code	Supply voltage	Switched outputs	Control outputs	Output protection	Fade times	Control input	On-board Control	Power Monitor	Output Monitor	Dimensions in mm (WxHxD)
<b>MICON F106</b>	230V 50HZ single phase	One rated at 6A (1380W)	One 1/+10V sink current	6A MCB	0.1 to 60sec.	Easynet 0/+10V	With two push buttons (UP-DOWN)	With one LED	With one LED	152x190x63
<b>MICON F110</b>	230V 50HZ single phase	One rated at 10A (2300W)	One 1/+10V sink current	10A MCB	0.1 to 60sec.	Easynet 0/+10V	With two push buttons (UP-DOWN)	With one LED	With one LED	152x190x63
<b>MICON F116</b>	230V 50HZ single phase	One rated at 16A (3680W)	One 1/+10V sink current	16A MCB	0.1 to 60sec.	Easynet 0/+10V	With two push buttons (UP-DOWN)	With one LED	With one LED	152x190x63
<b>MICON F206</b>	230V 50HZ single phase	Two rated at 6A (1380W) each	Two 1/+10V sink current	6A MCB	0.1 to 60sec.	Easynet 0/+10V	With two push buttons (UP-DOWN) per channel	With one LED	With one LED per channel	267x245x85
<b>MICON F210</b>	230V 50HZ single phase	Two rated at 10A (2300W) each	Two 1/+10V sink current	10A MCB	0.1 to 60sec.	Easynet 0/+10V	With two push buttons (UP-DOWN) per channel	With one LED	With one LED per channel	267x245x85
<b>MICON F306</b>	230V 50HZ single phase	Three rated at 6A (1380W) each	Three 1/+10V sink current	6A MCB	0.1 to 60sec.	Easynet 0/+10V	With two push buttons (UP-DOWN) per channel	With one LED	With one LED per channel	267x245x85
<b>MICON F310</b>	230V 50HZ single phase	Three rated at 10A (2300W) each	Three 1/+10V sink current	10A MCB	0.1 to 60sec.	Easynet 0/+10V	With two push buttons (UP-DOWN) per channel	With one LED	With one LED per channel	267x245x85
<b>MICON F306T</b>	230V 50HZ three phases & neutral	Three rated at 6A (1380W) each	Three 1/+10V sink current	6A MCB	0.1 to 60sec.	Easynet 0/+10V	With two push buttons (UP-DOWN) per channel	With one LED	With one LED per channel	267x245x85
<b>MICON F310T</b>	230V 50HZ three phases & neutral	Three rated at 10A (2300W) each	Three 1/+10V sink current	10A MCB	0.1 to 60sec.	Easynet 0/+10V	With two push buttons (UP-DOWN) per channel	With one LED	With one LED per channel	267x245x85
<b>MICON F606T</b>	230V 50HZ three phases & neutral	Six rated at 6A (1380W) each	Six 1/+10V sink current	6A MCB	0.1 to 60sec.	Easynet 0/+10V	With two push buttons (UP-DOWN) per channel	With one LED	With one LED per channel	267x355x85
<b>MICON F610T</b>	230V 50HZ three phases & neutral	Six rated at 10A (2300W) each	Six 1/+10V sink current	10A MCB	0.1 to 60sec.	Easynet 0/+10V	With two push buttons (UP-DOWN) per channel	With one LED	With one LED per channel	267x355x85





## ORDERING INFORMATION EXAMPLE FOR MICON CONTROLLER AND CONTROLLERS

F: FLUORESCENT CONTROLLER  
D: CONVENTIONAL DIMMER

MICON F 306 T

THREE PHASE DIMMERS AND  
CONTROLLERS (when available)

## NUMBER OF CHANNELS

- 1 for one channel
- 2 for two channels
- 3 for three channels
- 6 for six channels

## MAXIMUM OUTPUT CURRENT PER CHANNEL

06 for 6A	20 for 20A
10 for 10A	25 for 25A
16 for 16A	32 for 32A

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## MICON D SERIES

## MICON CONVENTIONAL DIMMERS

The MICON D series of Dimmers is designed to control incandescent lamps, tungsten, tungsten halogen, iron core wire wound transformers, electronic dimmable leading edge transformers and cold cathode light sources. In order to prevent mains instant overloading and to minimize the filament shock and lamp failure due to high inrush current when the lamp filament is cold, the MICON D series has a factory soft start of 1sec. This feature reduces maintenance cost and provides longer lamp life as the soft start allows the filament to reach a safe temperature before full brightness.

Code	Supply voltage	Dimmers outputs	Output protection	Fade times	Control input	On-board Control	Power Monitor	Output Monitor	Dimensions in mm (WxHxD)
MICON D106	230V 50HZ single phase	One channel at 6A (1380W)	6A MCB	0.1 to 60sec.	Easynet 0/+10V	With two push buttons (UP-DOWN)	With one LED	With one LED	152x190x63
MICON D110	230V 50HZ single phase	One channel at 10A (2300W)	10A MCB	0.1 to 60sec.	Easynet 0/+10V	With two push buttons (UP-DOWN)	With one LED	With one LED	152x190x63
MICON D116	230V 50HZ single phase	One channel at 16A (3680W)	16A MCB	0.1 to 60sec.	Easynet 0/+10V	With two push buttons (UP-DOWN)	With one LED	With one LED	267x245x85
MICON D120	230V 50HZ single phase	One channel at 20A (4600W) each	20A MCB	0.1 to 60sec.	Easynet 0/+10V	With two push buttons (UP-DOWN)	With one LED	With one LED	267x245x85
MICON D125	230V 50HZ single phase	One channel at 25A (5750W) each	25A MCB	0.1 to 60sec.	Easynet 0/+10V	With two push buttons (UP-DOWN)	With one LED	With one LED	267x245x85
MICON D132	230V 50HZ single phase	One channel at 32A (7360W) each	32A MCB	0.1 to 60sec.	Easynet 0/+10V	With two push buttons (UP-DOWN)	With one LED	With one LED	267x245x85
MICON D206	230V 50HZ single phase	Two channels rated at 6A (1380W) each	2x6A MCBs	0.1 to 60sec.	Easynet 0/+10V	With two push buttons (UP-DOWN) per channel	With one LED	With one LED per channel	267x245x85
MICON D210	230V 50HZ single phase	Two channels rated at 10A (2300W) each	2x10A MCBs	0.1 to 60sec.	Easynet 0/+10V	With two push buttons (UP-DOWN) per channel	With one LED	With one LED per channel	267x245x85
MICON D306	230V 50HZ single phase	Three channels rated at 6A (1380W) each	3x6A MCBs	0.1 to 60sec.	Easynet 0/+10V	With two push buttons (UP-DOWN) per channel	With one LED	With one LED per channel	267x245x85
MICON D310	230V 50HZ single phase	Three channels rated at 10A (2300W) each	3x10A MCBs	0.1 to 60sec.	Easynet 0/+10V	With two push buttons (UP-DOWN) per channel	With one LED	With one LED per channel	267x245x85
MICON D306T	230V 50HZ three phases & neutral	Three channels rated at 6A (1380W) each	3x6A MCBs	0.1 to 60sec.	Easynet 0/+10V	With two push buttons (UP-DOWN) per channel	With one LED	With one LED per channel	267x245x85
MICON D310T	230V 50HZ three phases & neutral	Three channels rated at 10A (2300W) each	3x10A MCBs	0.1 to 60sec.	Easynet 0/+10V	With two push buttons (UP-DOWN) per channel	With one LED	With one LED per channel	267x245x85
MICON D606T	230V 50HZ three phases & neutral	Six channels rated at 6A (1380W) each	6x6A MCBs	0.1 to 60sec.	Easynet 0/+10V	With two push buttons (UP-DOWN) per channel	With one LED	With one LED per channel	267x355x85
MICON D610T	230V 50HZ three phases & neutral	Six channels rated at 10A (2300W) each	6x10A MCBs	0.1 to 60sec.	Easynet 0/+10V	With two push buttons (UP-DOWN) per channel	With one LED	With one LED per channel	267x355x85

