

EFit power controller range Released for Sale

We are pleased to announce the release of a new range of power controllers called EFit. This new range is complementary range to EPack and EPower series.



These products have been designed to meet the needs of End User customers, with a cost effective solution, simple, robust and compliant to the worldwide standards.

Simple: The number of connections has been reduced to the minimum. Only power and setpoint connections are required, with no configuration necessary, reducing installation time and costs.

Robust: The product is compliant to the only standard applicable to power products (IEC 60947-4-3), ensuring a high level of immunity against EMC disturbances and a low level of emissions. Moreover, the product is defined to work at 45°C and at an altitude of 1000meters but it can work up to 2000meters and 55°C with de-rating. To summarize, EFit works reliably, whatever the environmental conditions are.

Compliant: In complement to the product standard, EFit is also compliant to other worldwide standards such as UL and c-UL 60947 (including SCCR rated at 100kA) and China RoHS, allowing coverage of different geographic areas without barriers to selling.

The perfect fit: EFit is also meant to facilitate the replacement of our existing TE10A range. It is 100% compatible in terms of dimensions, fixing, connections or features. Its compact dimensions allow also an easy replacement of any other products without having to extend the size of the cabinets.

Main features

Range

EFit is a range of single phase power controllers, with current capacity varying from 16A to 50A. 4 mechanical variants are available: 16A, 25A, 40A and 50A. Height and depth are the same for all the range and width is the only dimension which changes.

**16A**

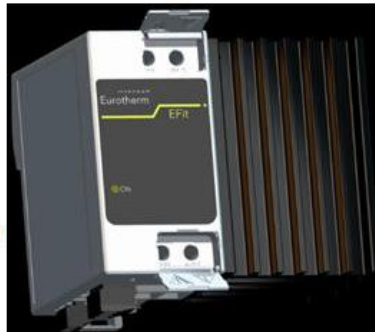
115 (H) x 92,5 (D) x 52,5 (W)

**40A**

115 (H) x 92,5 (D) x 105 (W)

**25A**

115 (H) x 92,5 (D) x 70 (W)

**50A**

115 (H) x 92,5 (D) x 122,5 (W)

Loads & Control

EFit has V^2 control, allowing the product to control pure resistive loads but also primaries of transformer or Short Wave Infrared loads

Firing modes

EFit is offered with four variants of firing modes: Phase angle and 3 burst modes: Fast cycle (variable burst with 16 periods), Single cycle (variable burst with 1 period) or Advanced single cycle (management of half cycles)

Options

Auxiliary supply: EFit is available with 3 options: SELF (voltage is taken from the power supply) 115V or 230V.

Current limit: a current limitation by threshold is available but only in Phase angle version



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Configuration

[Link to Datasheet](#)

Basic Product

EFIT	Basic SCR Power Controller
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1 Current

16A	16 amps
25A	25 amps
40A	40 amps
50A	50 amps

2 Voltage

100V	100 volts
115V	115 volts
200V	200 volts
230V	230 volts
240V	240 volts
277V	277 volts
380V	380 volts
400V	400 volts
415V	415 volts
440V	440 volts
480V	480 volts
500V	500 volts

3 Input

0V5	0–5V dc
4mA20	4–20mA
0V10	0–10V

4 Firing Mode

FC	Fast cycle
FC1	Single cycle
SCA	Advanced single cycle
PA	Phase angle

5 Language

ENG	English
FRA	French
GER	German

6 Supply

SELF	Self-powered
115V	Auxiliary 115V
230V	Auxiliary 230V

7 Current Limit

XX	Without current limit
CL	With current limit (only with Phase angle)

8 Fuse

NOFUSE	Without fuse
MSFUSE	Fuse with microswitch
FUSE	Fuse without microswitch