



Product designation
Product type designation

Automatic battery
chargers
BCF
Single phase
automatic battery
charger 1
charging level for
lead-acid
batteries

Type

Power supply

Rated voltage Us

min	VAC	100
Max	VAC	240 ±10%

Operational frequency

min	Hz	50 ±5%
max	Hz	60 ±5%

Power consumption

Max	VA	150
Max	W	77

Power dissipation Max

W 9

Internal fuse

A 2

Charging cycle

Reference standards

IEC62368-1

Battery type

lead-acid

Battery voltage

VDC 24

Charging voltage (Uc)

27.2 VDC

Charging current (Ic)

A 2.5

Charging current adjustment

% Ic Fixed

Protections

Main supply fuse;
charging
inhibition due to:
1. Short circuit at
battery terminals;
2. Reverse
battery polarity; 3.
Low voltage at
battery poles; 4.
Output overload.

Indications

LED reverse battery polarity

Yes

Alarm output circuit

Output type

1 relay

Rated capacity

AC1: 3A 250VAC

Mechanical features

Housing type

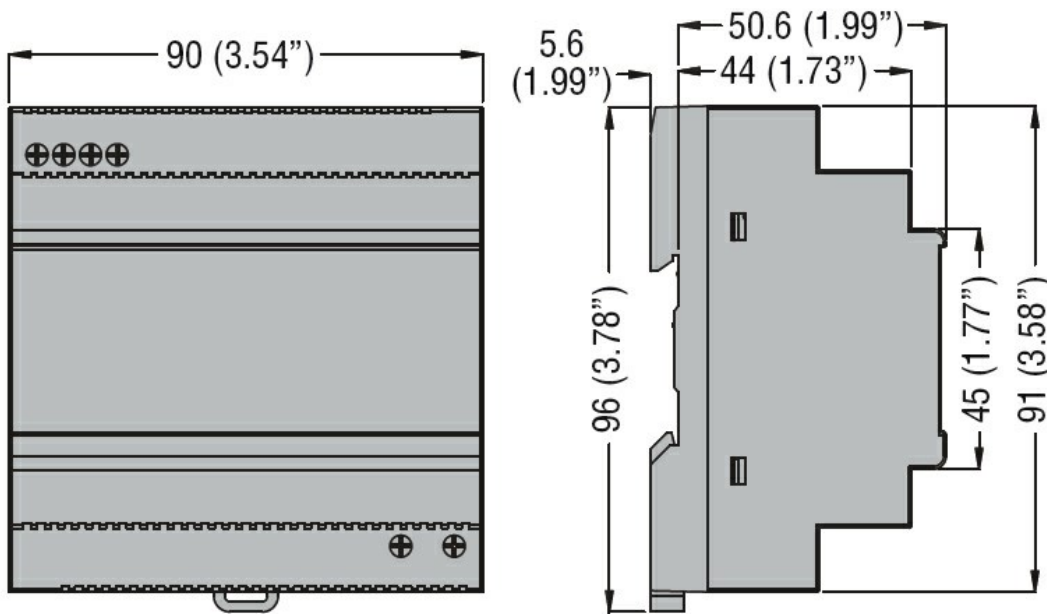
Modular DIN rail
mounting

Terminals type

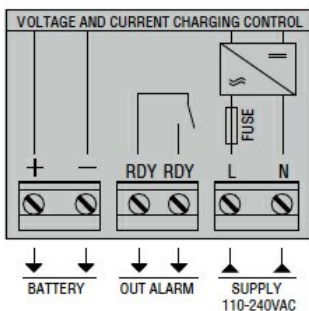
Fixed

Fixing	35mm DIN rail or Screw fixing		
Weight	g	332	
Ambient conditions			
Temperature	Operating temperature		
	min	°C	-40
	max	°C	+51
	Storage temperature		
	min	°C	-40
	max	°C	+85
Protection degree	IP20		

Dimensions [mm (in)]



Wiring diagrams



Certifications and compliance

Compliance

- IEC/EN/BS 60100-6-2
- IEC/EN/BS 61000-6-3
- IEC/EN/BS 62368-1

Certificates

- cURus
- EAC

ETIM classification

ETIM 8.0

EC000359 - Universal charger