



Product designation

Product type designation

Type

Automatic battery
chargers

BCG

Single phase
automatic battery
charger 1
charging level for
sealed and non-
sealed lead-acid
batteries

Power supply

Rated voltage Us

min	VAC	110
Max	VAC	240 ±10%

Operational frequency

min	Hz	50 ±10%
max	Hz	60 ±10%

Power consumption

Max	VA	284
Max	W	290

Internal fuse

A	6.3
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Charging cycle

Reference standards

IEC62368-1

Battery type

non-sealed and
sealed lead-acid
batteries

Battery voltage

VDC	12
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Charging voltage (Uc)

in pos. V1:13.8;
V2:13.5

Boost

% Uc	+4.4
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Charging current (Ic)

A	12
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Charging current adjustment

% Ic	20 to 100
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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 indicator for operating status

Yes

LED reverse battery polarity

Yes

Alarm output circuit

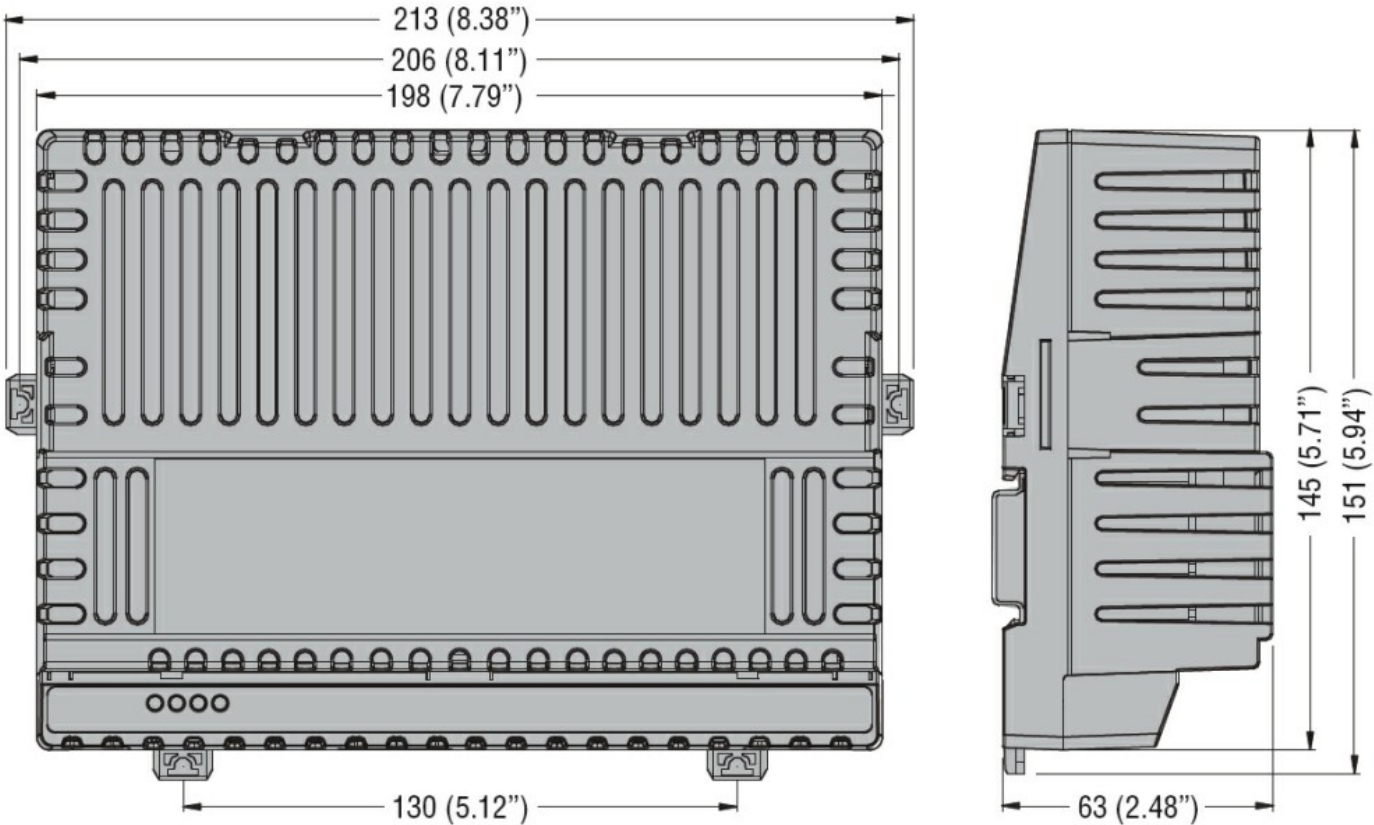
Output type

1 relay

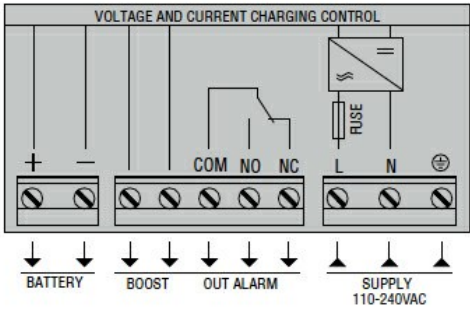
Automatic battery charger, switching BCG series, for sealed and not sealed lead-acid batteries, 1 charging level. 12VDC output, 12A

Rated capacity				5A 30VDC		
Mechanical features						
Housing type				Internal panel mount		
Terminals type				Fixed		
Fixing				35mm DIN rail or Screw fixing		
Weight				g	710	
Ambient conditions						
Temperature						
		Operating temperature		min	°C	-30
				max	°C	+55
		Storage temperature		min	°C	-30
max	°C			+80		
Protection degree				IP20		

Dimensions



Wiring diagrams



Certifications and compliance

Compliance

CSA C22.2 n°60950-1

IEC/EN/BS 61000-6-2

IEC/EN/BS 61000-6-3

IEC/EN/BS 62368-1

UL 60950-1

Certificates

cURus

EAC

ETIM classification

ETIM 8.0

EC000359 -
Universal charger