



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 U_s

min	VAC	110
Max	VAC	240 $\pm 10\%$

Operational frequency

min	Hz	50 $\pm 10\%$
max	Hz	60 $\pm 10\%$

Power consumption

Max	VA	630
Max	W	311

Internal fuse

A	8
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Charging cycle

Reference standards

IEC62368-1

Battery type

non-sealed and
sealed lead-acid
batteries

Battery voltage

VDC	24
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Charging voltage (U_c)

in pos. V1:27.6;
V2:27.0

Boost

% U_c	+4.4
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Charging current (I_c)

A	10
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Charging current adjustment

% I_c	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

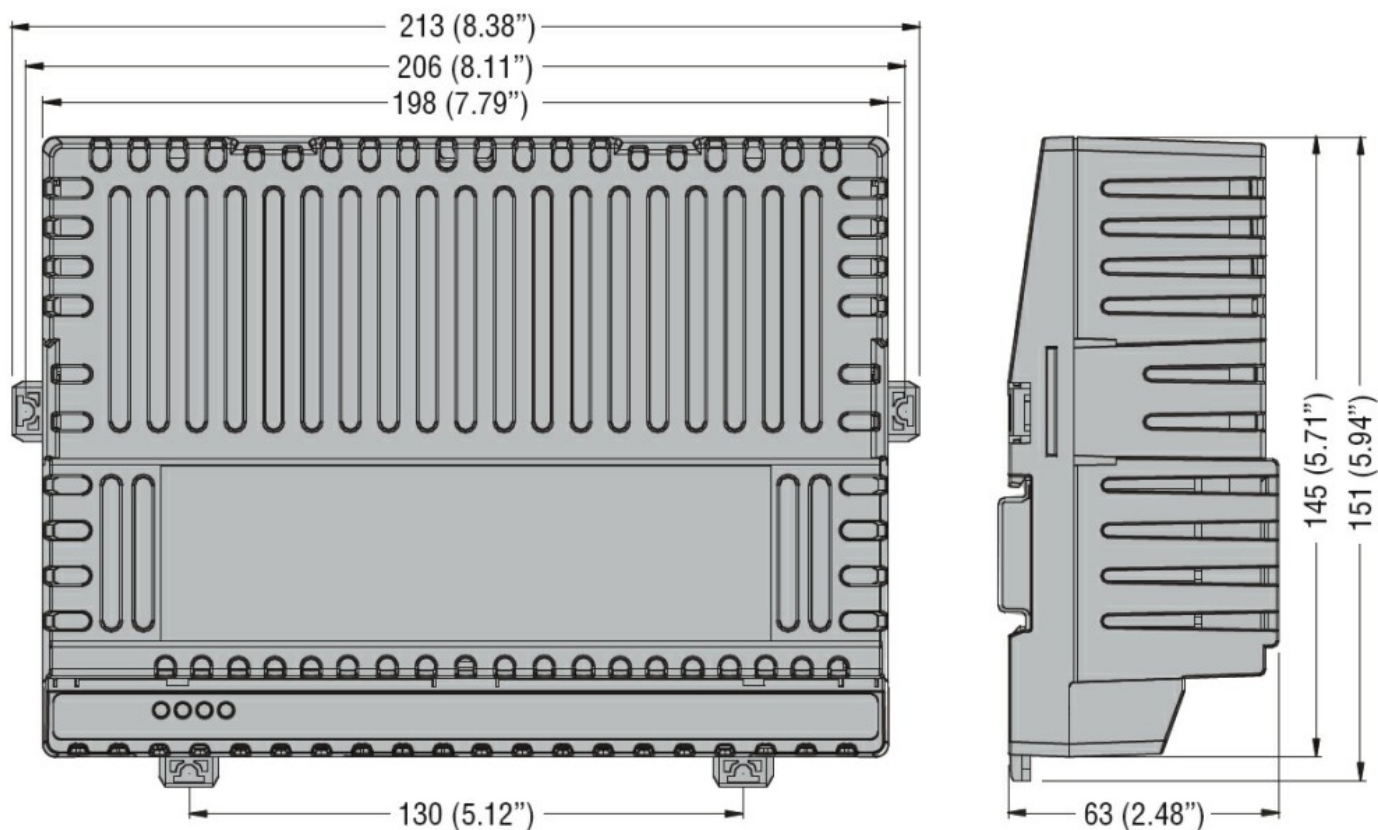
Alarm output circuit

Output type

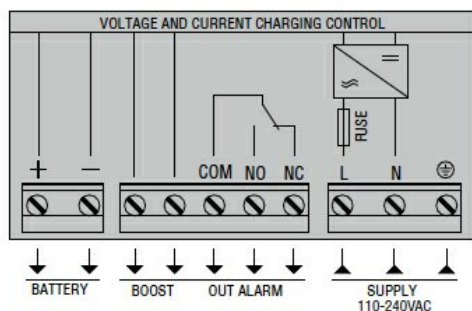
1 relay

Rated capacity				5A 30VDC		
Mechanical features						
Housing type				Internal panel mounting		
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