



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	230
Max	W	97

Internal fuse

A	4
---	---

### Charging cycle

Reference standards

IEC62368-1

Battery type

non-sealed and  
sealed lead-acid  
batteries

Battery voltage

VDC	12
-----	----

Charging voltage ( $U_c$ )

in pos. V1:13.8;  
V2:13.5

Boost

% $U_c$	+4.4
---------	------

Charging current ( $I_c$ )

A	6
---	---

Charging current adjustment

% $I_c$	20 to 100
---------	-----------

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

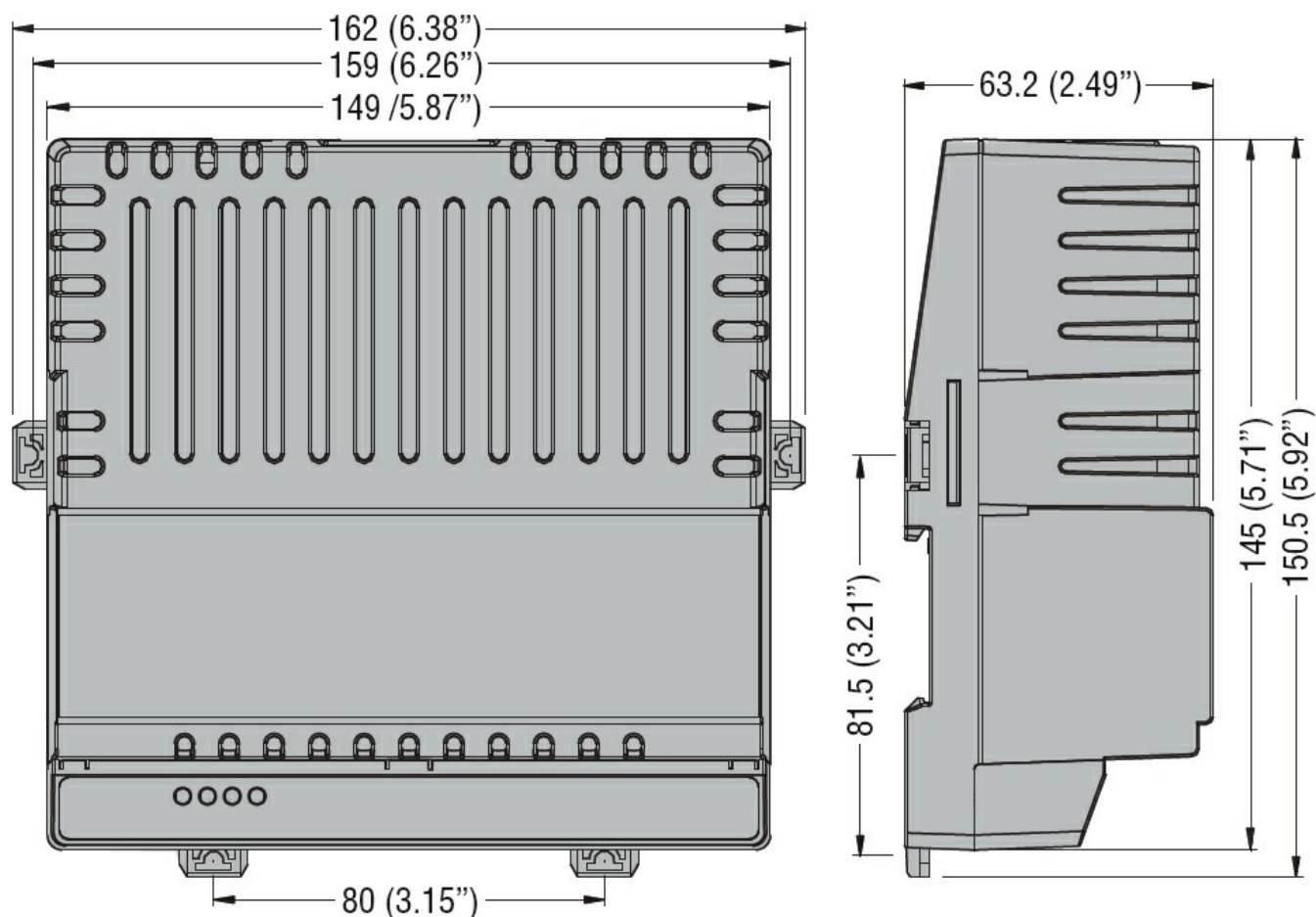
### Alarm output circuit

Output type

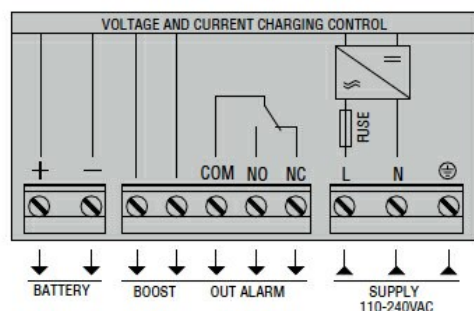
1 relay

Rated capacity				5A 30VDC		
Mechanical features						
Housing type				Internal panel mounting		
Terminals type				Fixed		
Fixing				35mm DIN rail or Screw fixing		
Weight				g	532	
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