

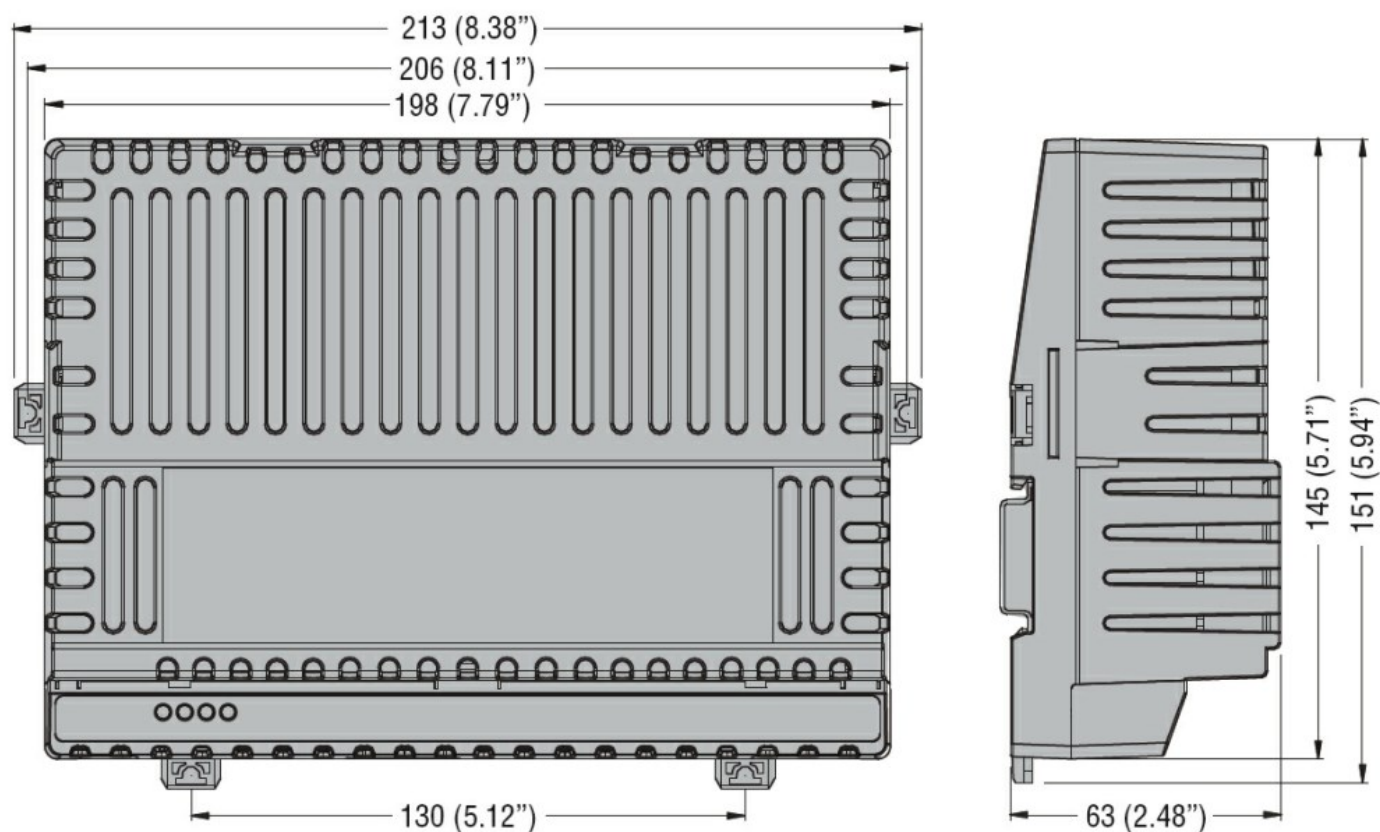


Product designation	Automatic battery chargers
Product type designation	BCG
Type	Single phase automatic battery charger 1 charging level for sealed and non-sealed lead-acid batteries

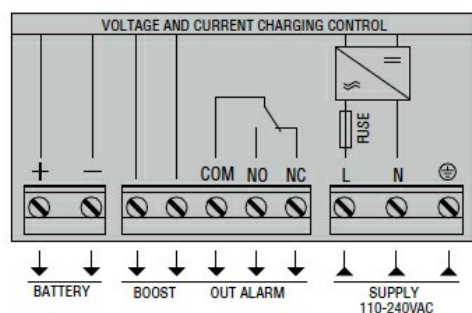
Power supply			
Rated voltage U_s	min	VAC	110
	Max	VAC	240 $\pm 10\%$
Operational frequency	min	Hz	50 $\pm 10\%$
	max	Hz	60 $\pm 10\%$
Power consumption	Max	VA	630
	Max	W	311
Internal fuse		A	8
Charging cycle			
Reference standards			IEC62368-1
Battery type			non-sealed and sealed lead-acid batteries
Battery voltage		VDC	24
Charging voltage (U_c)			in pos. V1:27.6; V2:27.0
Boost		% U_c	+4.4
Charging current (I_c)		A	10
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	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