

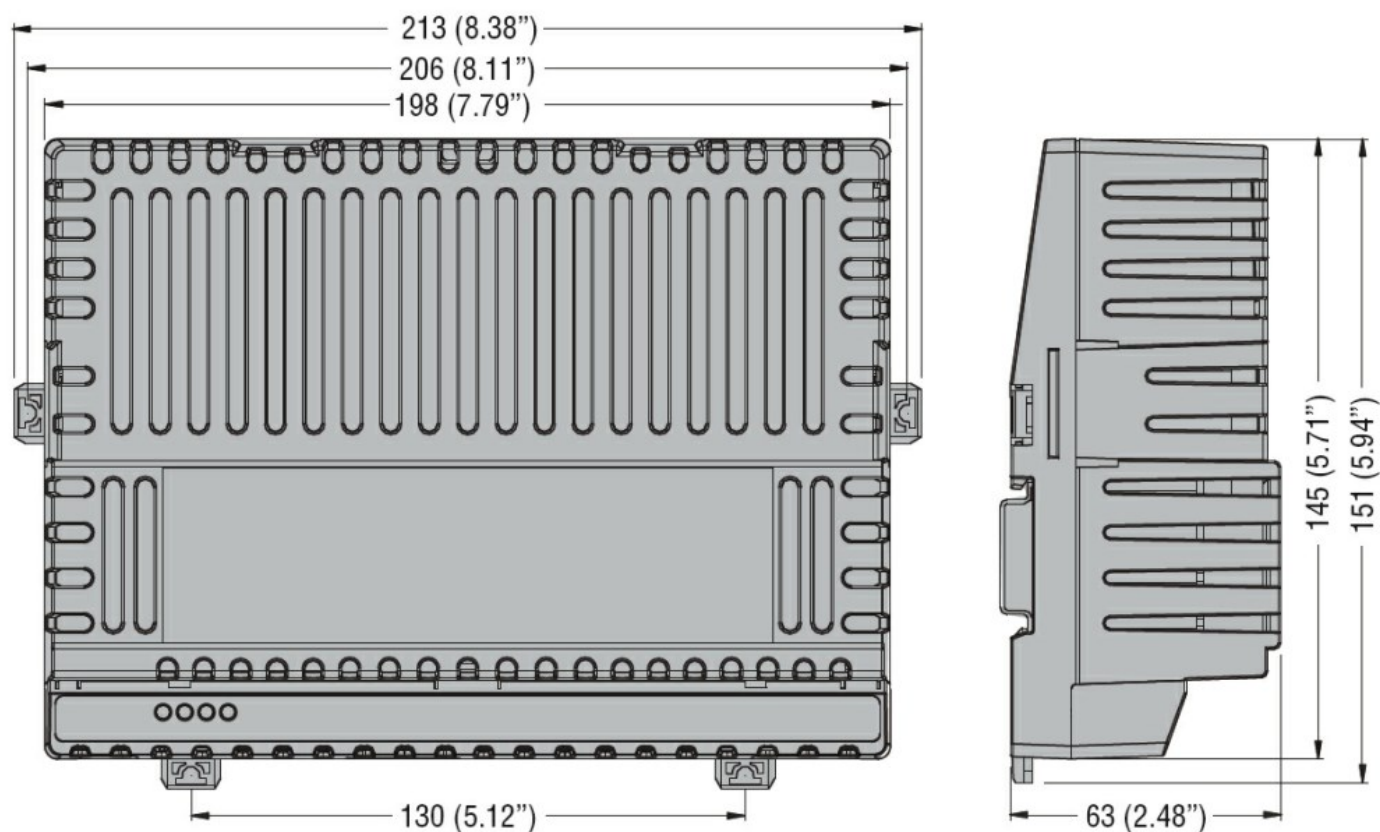


Product designation	Automatic battery chargers
Product type designation	BCG
Type	Single phase automatic battery charger 1 charging level for sealed and non-sealed lead-acid batteries

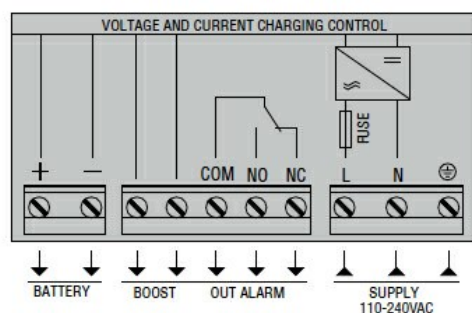
Power supply			
Rated voltage Us	min	VAC	110
	Max	VAC	240 ±10%
Operational frequency	min	Hz	50 ±10%
	max	Hz	60 ±10%
Power consumption	Max	VA	284
	Max	W	290
Internal fuse		A	6.3
Charging cycle			
Reference standards			IEC62368-1
Battery type			non-sealed and sealed lead-acid batteries
Battery voltage		VDC	12
Charging voltage (Uc)			in pos. V1:13.8; V2:13.5
Boost		% Uc	+4.4
Charging current (Ic)		A	12
Charging current adjustment		% Ic	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
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