



Product designation

Product type designation

Type

Automatic battery
chargers

BCE

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

Power supply

Rated voltage U_s

min	VAC	220
Max	VAC	240 $\pm 10\%$

Operational frequency

min	Hz	50 $\pm 5\%$
max	Hz	60 $\pm 5\%$

Power consumption

Max	VA	222
Max	W	46

Internal fuse

A	4
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Charging cycle

Reference standards

IEC60335-2-29

Battery type

lead-acid

Battery voltage

VDC 12

Charging voltage (U_c)

13.8

Charging current (I_c)

A 6

Charging current adjustment

% I_c 30 to 100

Protections

Main supply fuse;
Battery output
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

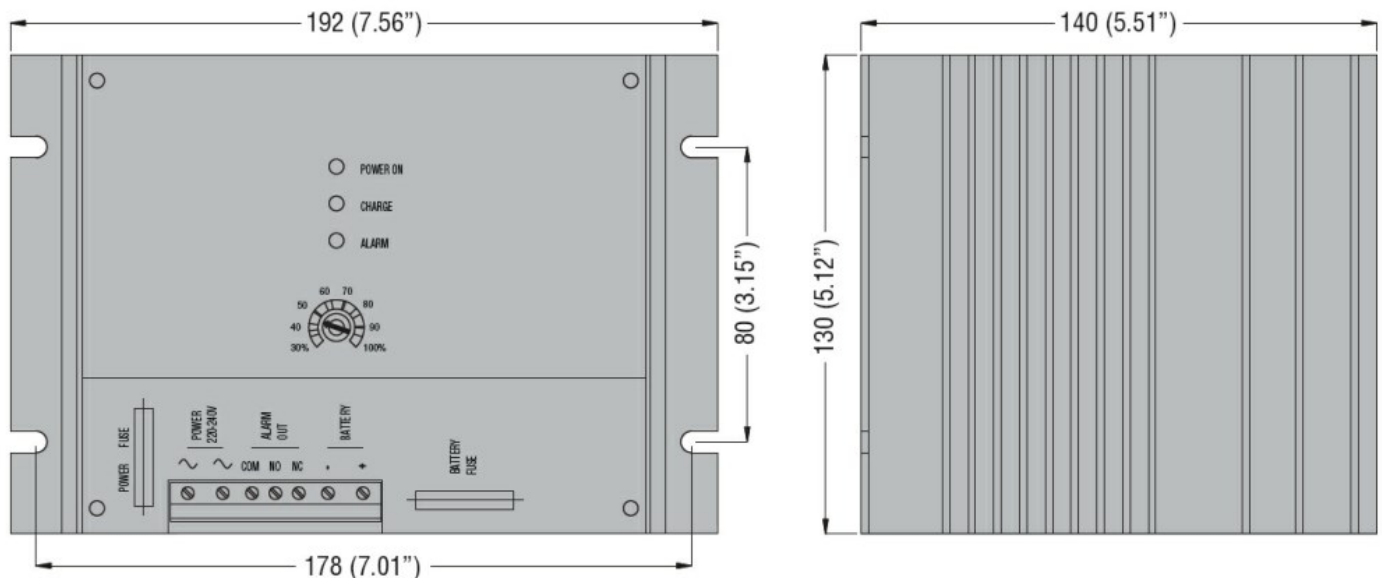
Relay with 1 c/o
(SPDT)

Rated capacity

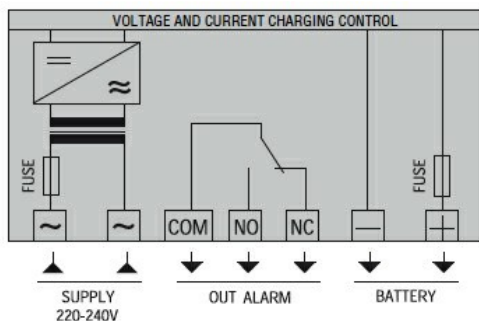
AC1: 5A
250VAC; DC13:
5A 30VDC

Mechanical life	cycles	>3000000
Electrical life	cycles	>1000000
Mechanical features		
Housing type		Internal panel mounting
Terminals type		Fixed
Fixing		Screw fixing
Weight	g	4832
Ambient conditions		
Temperature		
Operating temperature		
	min	°C -10
	max	°C +50
Storage temperature		
	min	°C -30
	max	°C +80
Protection degree		IP00

Dimensions



Wiring diagrams



Certifications and compliance

Compliance

IEC/EN 60335-2-29

Certificates

EAC

ETIM classification

ETIM 8.0

EC000359 -
Universal charger