



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	400
Max	W	73

Internal fuse

A	6.3
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### Charging cycle

Reference standards

IEC60335-2-29

Battery type

lead-acid

Battery voltage

VDC	12
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Charging voltage ( $U_c$ )

13.8

Charging current ( $I_c$ )

A	12
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Charging current adjustment

% $I_c$	30 to 100
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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

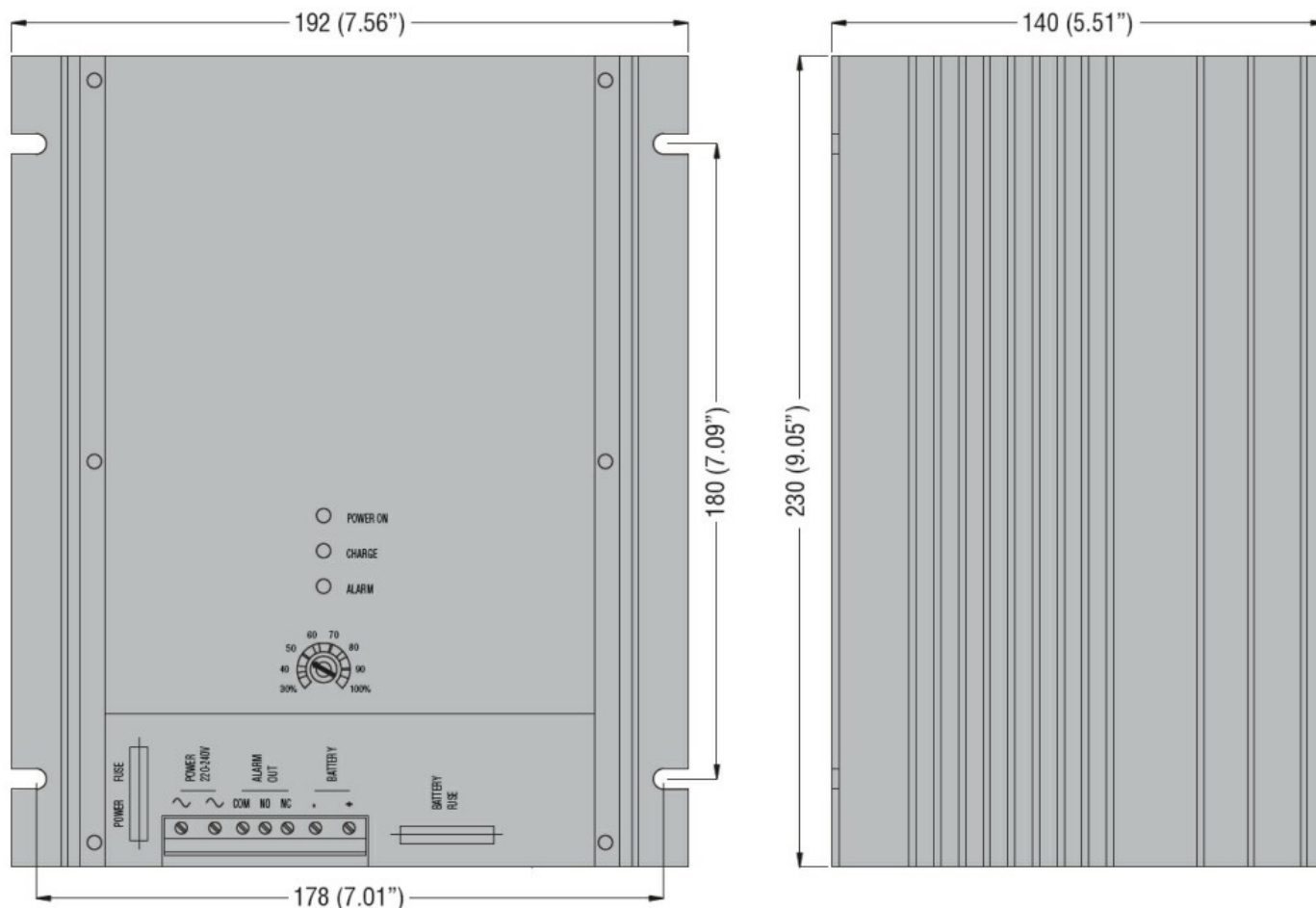
Relay with 1 c/o  
(SPDT)

Rated capacity

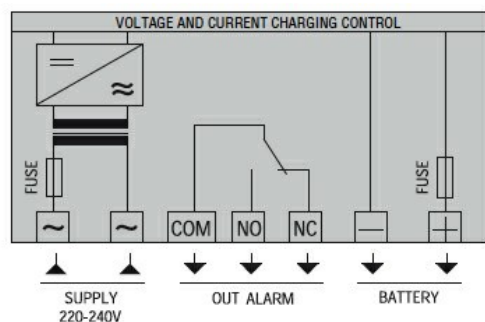
AC1: 5A  
250VAC; DC13:  
5A 30VDC

Mechanical life	cycles	>3000000
Electrical life	cycles	>1000000
<b>Mechanical features</b>		
Housing type		Internal panel mounting
Terminals type		Fixed
Fixing		Screw fixing
Weight	g	8690
<b>Ambient conditions</b>		
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