



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
---	-----

### 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	12
---	----

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

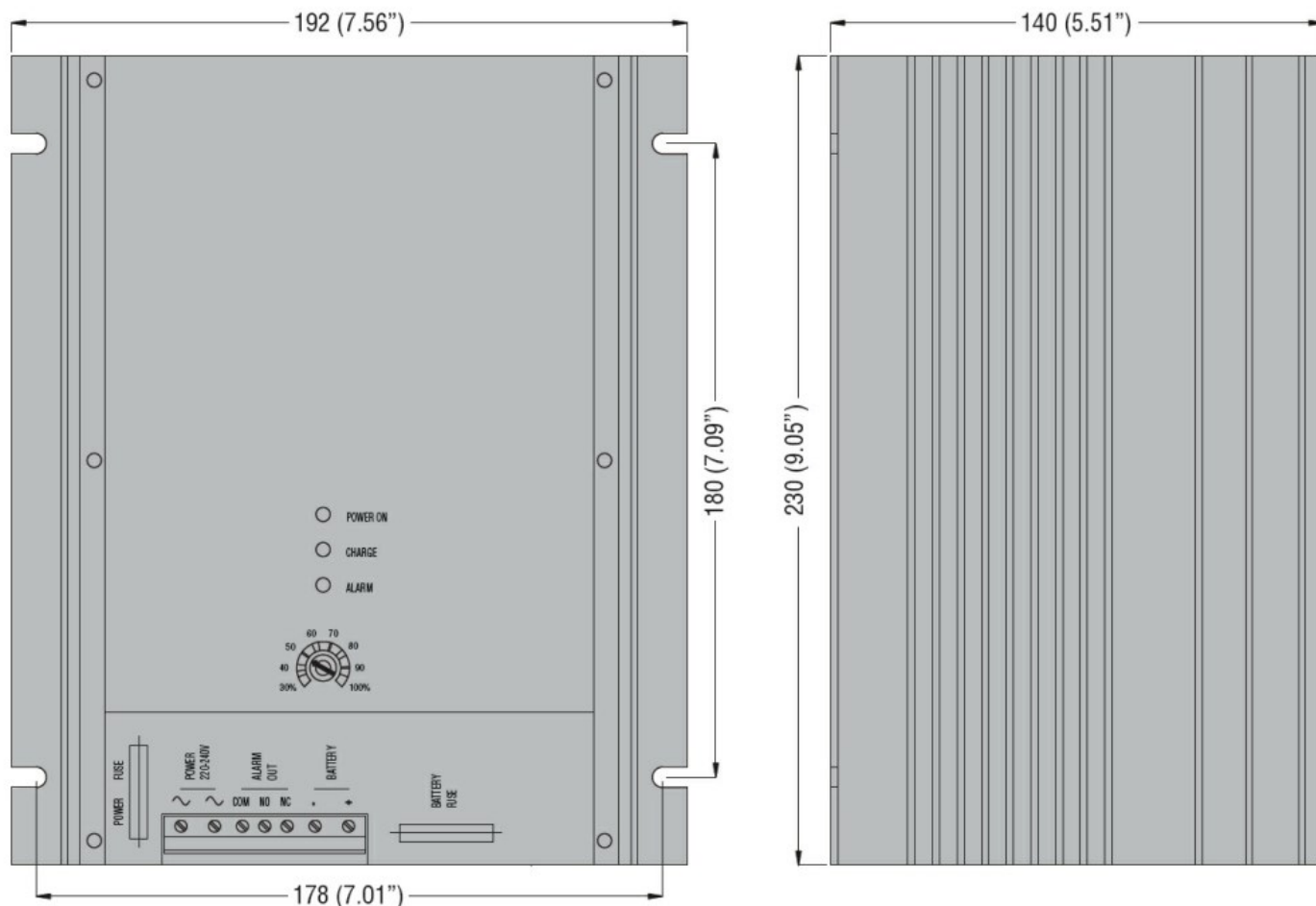
Relay with 1 c/o  
(SPDT)

Rated capacity

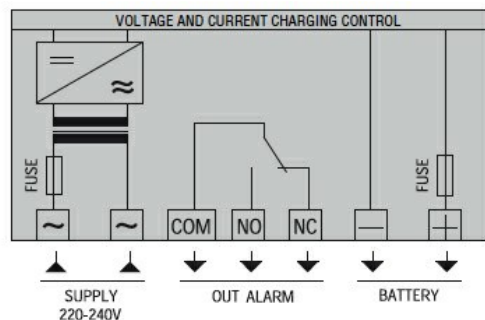
AC1: 5A  
250VAC; DC13:  
5A 30VDC

Mechanical life	cycles	>3000000
Electrical life	cycles	>1000000
<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