



Product designation  
Product type designation

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

Type

### Power supply

Rated voltage Us

min	VAC	220
Max	VAC	240 ±10%

Operational frequency

min	Hz	50 ±5%
max	Hz	60 ±5%

Power consumption

Max	VA	610
Max	W	66
	A	6.3

Internal fuse

### Charging cycle

Reference standards

IEC60335-2-29

Battery type

lead-acid

Battery voltage

VDC 24

Charging voltage (Uc)

27.6

Charging current (Ic)

A 10

Charging current adjustment

% Ic 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

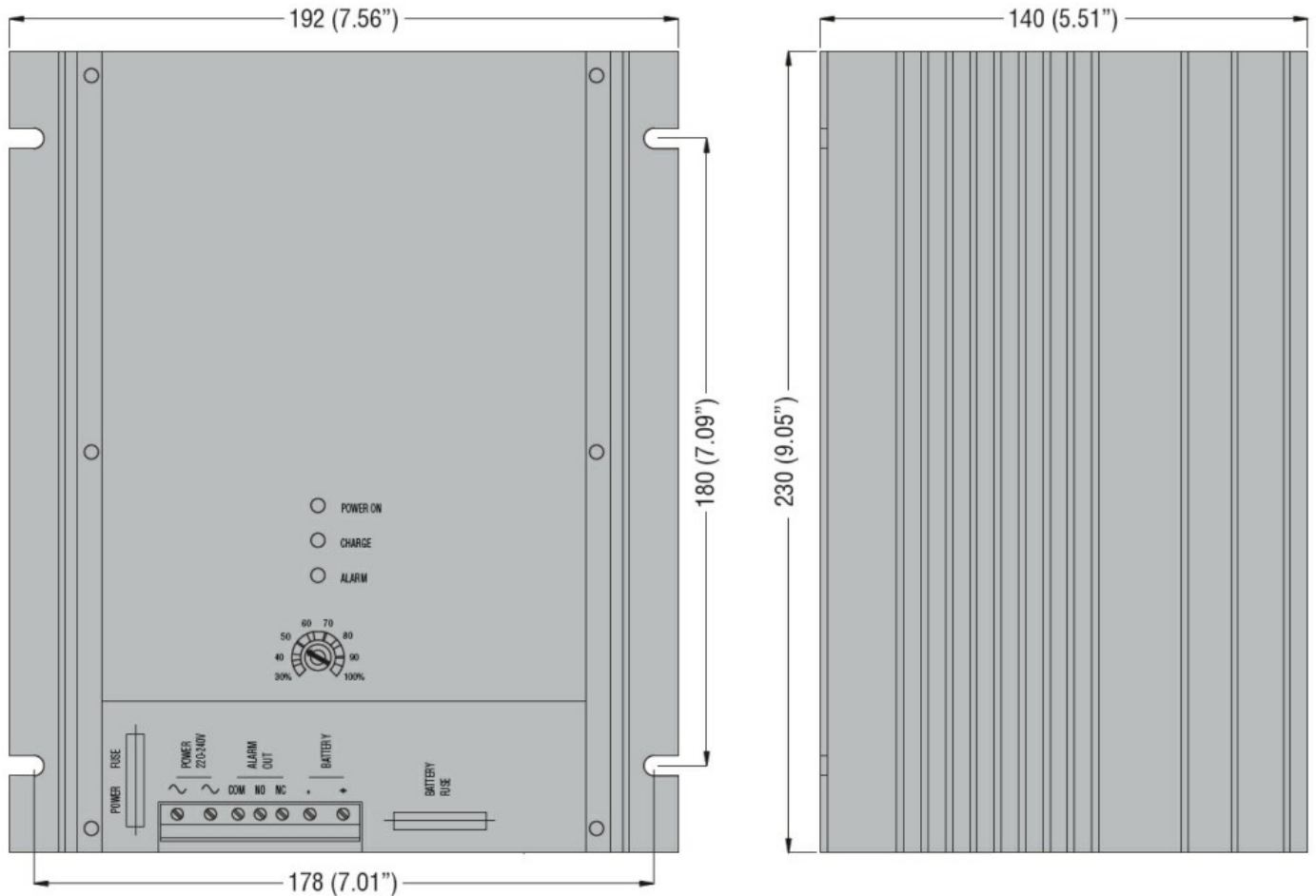
Relay with 1 c/o  
(SPDT)

Rated capacity

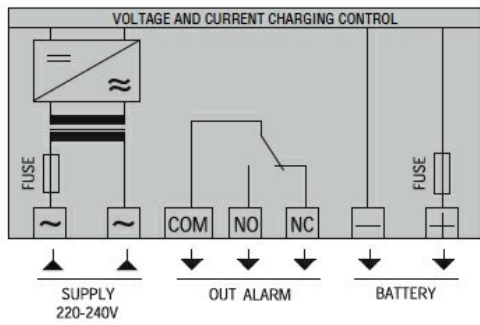
AC1: 5A  
250VAC; DC13:  
5A 30VDC

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	9560
<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