



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 Us

min	VAC	220
Max	VAC	240 ±10%

Operational frequency

min	Hz	50 ±5%
max	Hz	60 ±5%

Power consumption

Max	VA	317
Max	W	40

Internal fuse

A	4
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Charging cycle

Reference standards

IEC60335-2-29

Battery type

lead-acid

Battery voltage

VDC	24
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Charging voltage (Uc)

27.6

Charging current (Ic)

A	5
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Charging current adjustment

% Ic	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

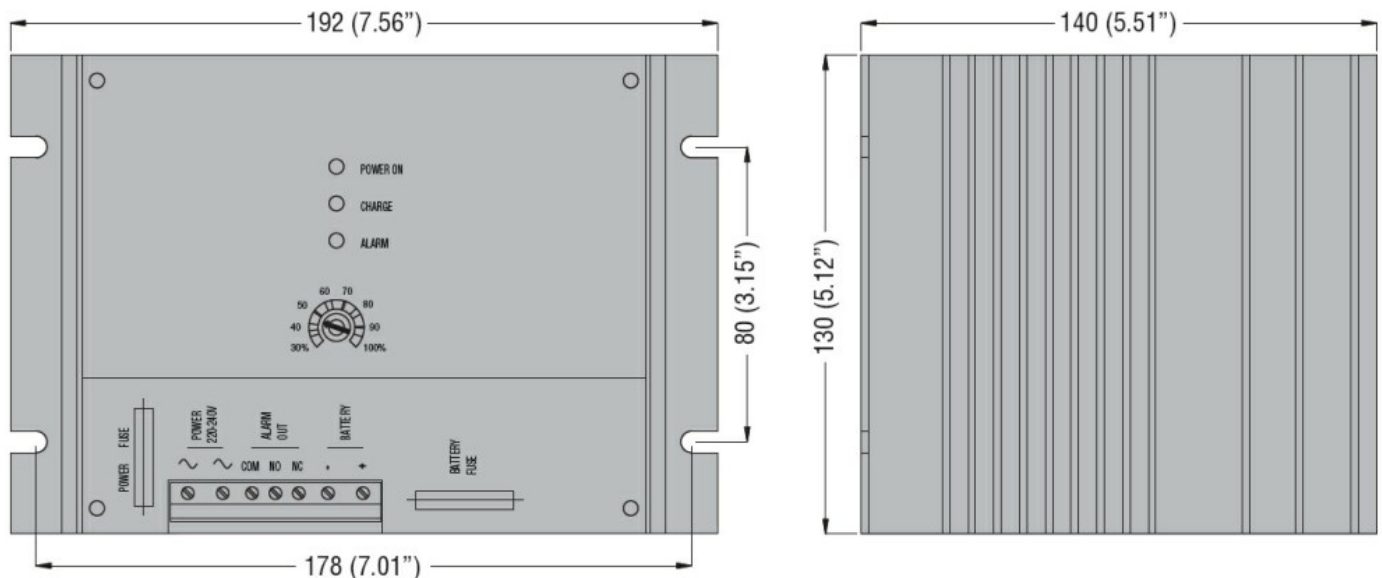
Relay with 1 c/o
(SPDT)

Rated capacity

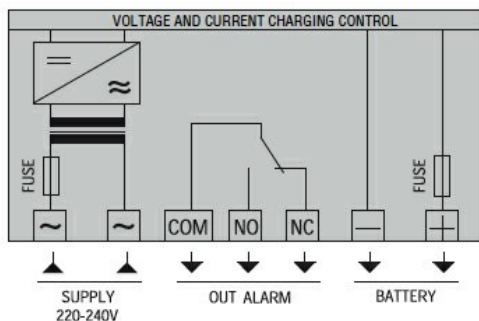
AC1: 5A
250VAC; DC13:
5A 30VDC

Mechanical life	cycles	>3000000
Electrical life	cycles	>1000000
Mechanical features		
Housing type	Internal panel mounting	
Terminals type	Fixed	
Fixing	Screw fixing	
Weight	g	4960
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