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|--------------------------|---|
| Product designation | Automatic battery chargers |
| Product type designation | BCE |
| Type | 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 |

Charging cycle

| | |
|-----------------------------|----------------|
| Reference standards | IEC60335-2-29 |
| Battery type | lead-acid |
| Battery voltage | VDC 24 |
| Charging voltage (Uc) | 27.6 |
| Charging current (Ic) | A 5 |
| 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

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|------------------------------------|-----|
| LED indicator for operating status | Yes |
| LED reverse battery polarity | Yes |

Alarm output circuit

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|----------------|--------------------------------------|
| 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

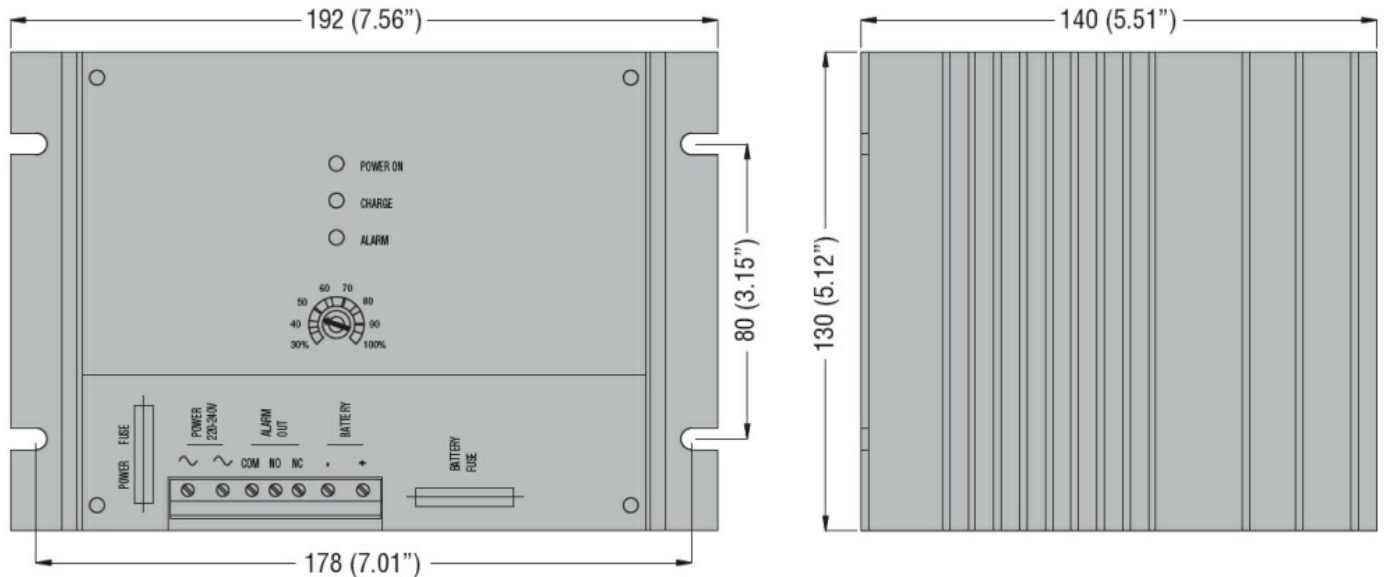
| | | |
|----------------|-------------------------|------|
| Housing type | Internal panel mounting | |
| Terminals type | Fixed | |
| Fixing | Screw fixing | |
| Weight | g | 4960 |

Ambient conditions

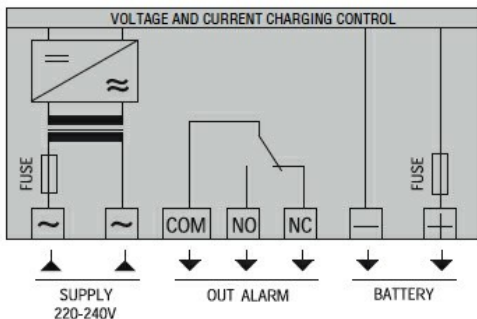
| | | | |
|---------------------|-----------------------|----|-----|
| Temperature | Operating temperature | | |
| | min | °C | -10 |
| | max | °C | +50 |
| Storage temperature | Storage temperature | | |
| | min | °C | -30 |
| | max | °C | +80 |

| | |
|-------------------|------|
| 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