

Product designation	Automatic battery chargers
Product type designation	BCF
Type	Single phase automatic battery charger 1 charging level for lead-acid batteries

Power supply

Rated voltage Us	min	VAC	100
	Max	VAC	240 ±10%

Operational frequency	min	Hz	50 ±5%
	max	Hz	60 ±5%

Power consumption	Max	VA	150
	Max	W	70

Power dissipation Max		W	9
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Internal fuse		A	2
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Charging cycle

Reference standards	IEC62368-1
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Battery type	lead-acid
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Battery voltage	VDC	12
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Charging voltage (Uc)	13.6 VDC
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Charging current (Ic)	4.5
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Charging current adjustment	% Ic	Fixed
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Protections	Main supply fuse; charging inhibition due to: 1. Short circuit at battery terminals; 2. Reverse battery polarity; 3. Low voltage at battery poles; 4. Output overload.
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Indications

LED reverse battery polarity	Yes
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Alarm output circuit

Output type	1 relay
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Rated capacity	AC1: 3A 250VAC
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Mechanical features

Housing type	Modular
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Terminals type	Fixed
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Fixing	35mm DIN rail or Screw fixing
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Weight	g	332
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Ambient conditions

Temperature	Operating temperature	min	°C	-40
		max	°C	+51

Storage temperature

min	°C	-40
max	°C	+85

Protection degree

IP20

Dimensions

Wiring diagrams

Certifications and compliance

Compliance

IEC/EN/BS 60100-6-2

IEC/EN/BS 61000-6-3

IEC/EN/BS 62368-1

Certificates

cURus

EAC

ETIM classification

ETIM 8.0

EC000359 -
 Universal charger