



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 U_s	min	VAC	100
	Max	VAC	240 $\pm 10\%$

Operational frequency	min	Hz	50 $\pm 5\%$
	max	Hz	60 $\pm 5\%$

Power consumption	Max	VA	150
	Max	W	77

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	24
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Charging voltage (U_c)		27.2 VDC
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Charging current (I_c)	A	2.5
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Charging current adjustment	% I_c	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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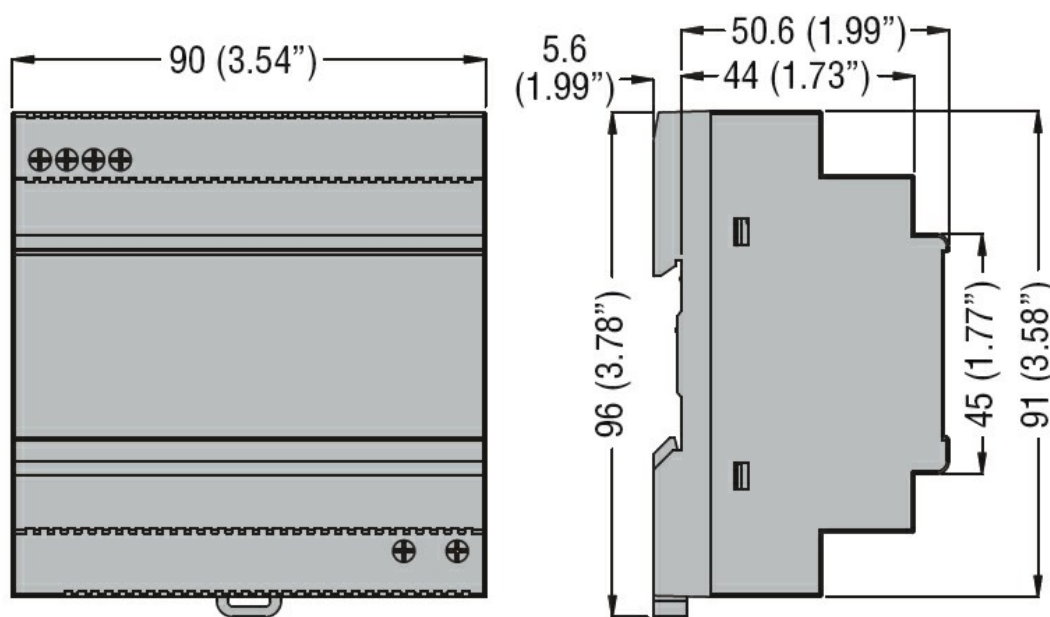
Mechanical features

Housing type	Modular DIN rail mounting
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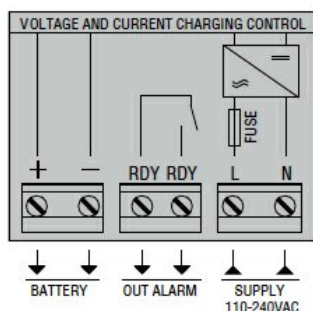
Terminals type	Fixed
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Fixing				35mm DIN rail or Screw fixing
Weight			g	332
Ambient conditions				
Temperature				
Operating temperature		min	°C	-40
		max	°C	+51
Storage temperature		min	°C	-40
		max	°C	+85
Protection degree				IP20

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