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Product designation			Automatic battery chargers
Product type designation			BCF
			Single phase automatic battery
			charger 1
Туре			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	80
	Max	W	40
Power dissipation Max		W	6
Internal fuse		А	2
Charging cycle			
Reference standards			IEC62368-1
Battery type			lead-acid
Battery voltage		VDC	12
Charging voltage (Uc)			13.6 VDC
Charging current (Ic)		Α	2.5
Charging current adjustment		% lc	Fixed
			Main supply fuse;
			charging
			inhibition due to:
			1. Short circuit at
Protections			battery terminals;
			2. Reverse battery polarity; 3.
			Low voltage at
			battery poles; 4.
			Output overload.
Indications			
LED reverse battery polarity			Yes
Alarm output circuit			
Output type			1 relay
Rated capacity			3A 250VAC AC1
Mechanical features			

Housing type

The characteristics described in this document are subject to updates or modifications at any time. The descriptions, technical and functional information, illustrations and instructions in this brochure are purely illustrative, and are consequently not contractually binding

Modular DIN rail

mounting

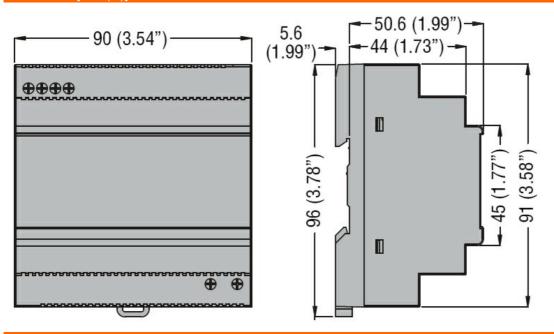
Fixed



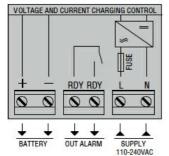
BCF025012 AUTOMATIC BATTERY CHARGER, SWITCHING BCF SERIES, MODULAR HOUSING, FOR LEAD-ACID BATTERIES, 1 CHARGING LEVEL. 12VDC OUTPUT, 2.5A

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

Protection degree Dimensions [mm (in)]



Wiring diagrams



Certifications and corr	npliance	
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

BCF025012