

UPS systems

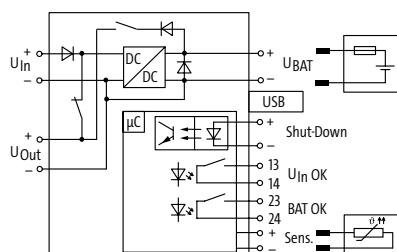
Emparro® ACCUcontrol

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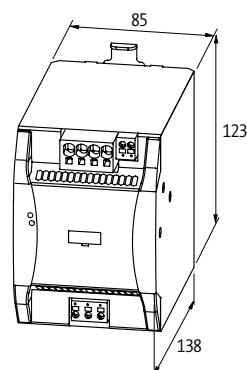
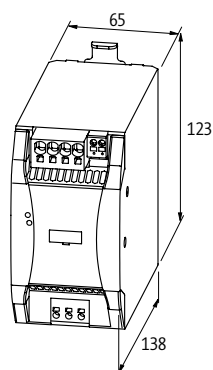
Approvals:  UL Listed



Circuit diagram



Order Data	Art-No.	Art-No.
24 V DC/20 A	85414	
24 V DC/40 A		85415
Technical Data		
Sensor type	KTY 81-210 (Art.No. 89600)	
Battery type	Lead battery (max. 40 Ah, sealed)	
Input		
Input voltage	21.6...30 V DC (buffer operation)	
Input current	max. 23 A	max. 43 A
Loading current	2 A	
Output		
Output voltage	27.7...19.2 V DC	
Output current	max. 20 A	max. 40 A
Control inputs		
Input voltage shutdown (SH)	24 V DC (6...45 V DC), potential free	
Control outputs		
Battery (BAT OK)	min. 5 V DC, 1 mA; max. 30 V DC, 100 mA	
Input voltage (Uin OK)	min. 5 V DC, 1 mA; max. 30 V DC, 100 mA	
General data		
Connection	Push-In Spring clamp terminals, Mini-USB	
Mounting method	DIN-rail mountable TH35-7.5/TH35-15 (EN 60715)	
Temperature range	-25...+45 °C	
Dimension drawing		



Notes

The required batteries can be found at the end of chapter 1.3.

UPS-SYSTEMS / BUFFER- / REDUNDANCY MODULES

Accessories			Art-No.
	Lead battery 1.2 Ah 96×69×105 mm/2 kg	for Emparro® ACCUcontrol	89550
	Lead battery 7 Ah 115×174.5×159 mm/2.32 kg	for Emparro® ACCUcontrol	89552
	Lead battery 12 Ah 115×240.5×159 mm/3.7 kg	for Emparro® ACCUcontrol	89553
	Lead battery 17 Ah 170×155×182 mm/18 kg	for Emparro® ACCUcontrol	89554
	Lead battery 24 Ah 137×335×200 mm/20 kg	for Emparro® ACCUcontrol	89555