

UPS-SYSTEMS / BUFFER- / REDUNDANCY MODULES

Buffer modules

Emparro® Cap 20/24 1.0s

1.0 s (20 A); 40 s (1 A)



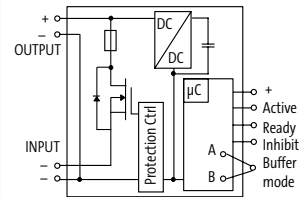
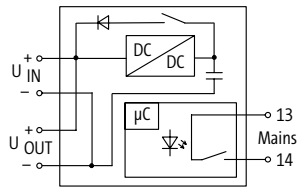
Emparro® Cap 20/48 0.1s

0.1 s (20 A); 2 s (1 A)

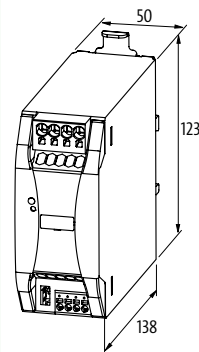
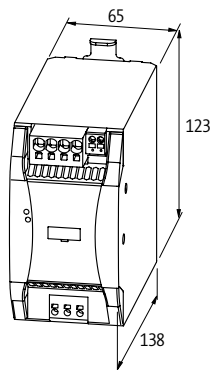


Approvals: UL US
Listed

Circuit diagram



Order Data	Art-No.	Art-No.
24 V DC/20 A	85458	
48 V DC/20 A		85459
Input		
Input voltage	21.6...26.4 V DC	46...56 V DC (SELV/PELV)
Input current	20 A	60 mA
Inrush current	max. 25 A	—
Protection of voltage spikes	—	max. 72 V DC
Loading time	max. 75 s	20...45 s
Loading current	max. 3 A	max. 500 mA
Output		
Output voltage	25.5...19 V DC ±2%	48 V DC (46...56 V DC)
Output current	max. 20 A	
Current limit	65 A	26 A
Buffer time	1.0 s (20 A); 40 s (1 A)	0.1 s (20 A); 2 s (1 A)
Parallel circuit	possible	
Ripple	—	max. 200 mV p-p
General data		
Standards	EN 61000-6-2, EN 61000-6-4	EN 61000-6-2, EN 61000-6-3, EN 55022 B
Mounting method	DIN-rail mountable TH35-7.5/TH35-15 (EN 60715)	DIN-rail mountable TH35 (EN 60715)
Efficiency	90%	99%
Temperature range	-40...+60 °C (storage temperature -40...+60 °C)	-25...+60 °C, ...+70 °C derating (storage temperature -40...+85 °C)
Dimension drawing		



Notes