

Buffer modules

MB Cap Ultra 3/24 7s

7 s (3 A); 21 s (1 A)



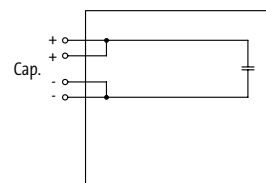
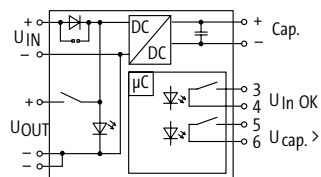
MB Cap Ultra expansion module 3/24 12s

12 s (3 A); 36 s (1 A)



Approvals:  UL
Listed

Circuit diagram



Order Data

24 V DC/3 A

Art-No.

85460

use with Art.-No. 85460

Art-No.

85462

Input

Input voltage

20.4...26.4 V DC

Input current

3 A

Loading time

min. 25 s

Output

Output voltage

23 V DC $\pm 2\%$

Output current

max. 3 A (+60 °C)

Buffer time

7 s (3 A); 21 s (1 A)

General data

Standards

EN 60950, EN 50178, SELV/PELV

Mounting method

DIN-rail mountable TH35 (EN 60715)

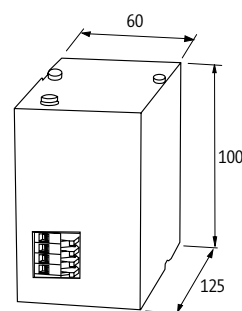
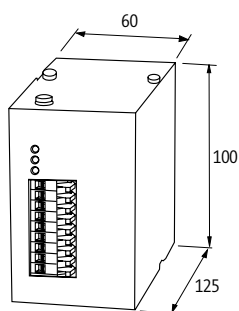
Efficiency

90%

Temperature range

-20...+60 °C (storage temperature -20...+60 °C)

Dimension drawing



Notes

UPS-SYSTEMS / BUFFER- / REDUNDANCY MODULES

Buffer modules

MB Cap Ultra 10/24 38s

38 s (10 A); 380 s (1 A)



MB Cap Ultra 20/24 16s

16 s (20 A); 320 s (1 A)



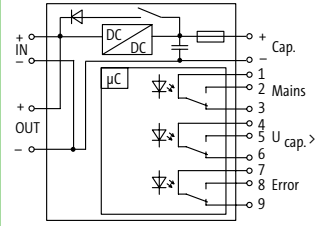
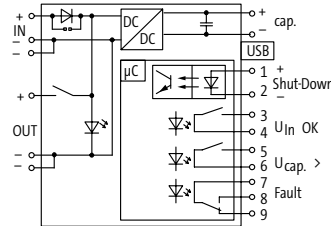
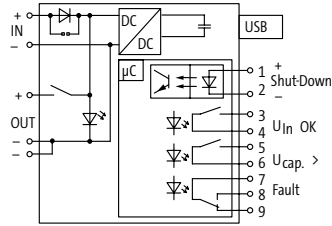
MB Cap Ultra 40/24 3.6s

3.6 s (40 A); 170 s (1 A)

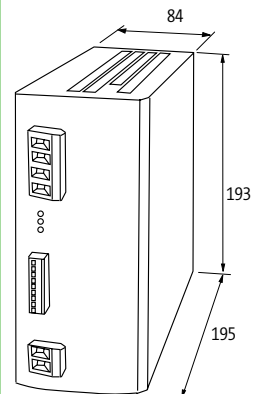
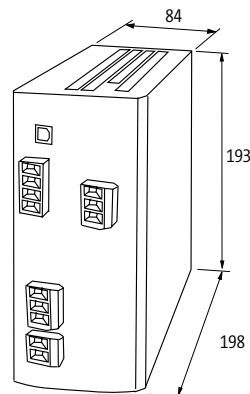
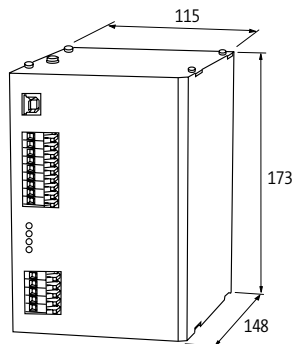


Approvals:  Listed

Circuit diagram



Order Data	Art-No.	Art-No.	Art-No.
24 V DC/10 A	85467		
24 V DC/20 A		85468	
24 V DC/40 A			85469
Input			
Input voltage	10.5...15 V DC; 24...27 V DC	24...29 V DC	21.6...26.4 V DC
Input current	10 A	20 A	40 A
Inrush current	max. 35 A/2 ms	max. 36.5 A/2 ms	max. 36.5 A
Loading time	typ. 100 s; max. 210 s	typ. 40 s; max. 500 s	typ. 140 s; max. 300 s
Output			
Output voltage	11.3 V DC $\pm 4\%$; 23.3 V DC $\pm 2\%$	23.3 V DC $\pm 2\%$	25.5...19 V DC $\pm 2\%$
Output current	max. 10 A (+60 °C)	max. 20 A (+60 °C)	max. 40 A (+60 °C)
Buffer time	38 s (10 A); 380 s (1 A)	16 s (20 A); 320 s (1 A)	3.6 s (40 A); 170 s (1 A)
General data			
Standards	EN 60950, EN 50178, SELV/PELV	EN 60950-1, EN 61204-3, EN 55011 A	EN 61000-6-2, EN 61000-6-4
Mounting method	DIN-rail mountable TH35-7.5/TH35-15 (EN 60715)		
Efficiency	90%		
Temperature range	-20...+60 °C (storage temperature -20...+60 °C)		
Dimension drawing			



Notes