

Smoothed

to EN 61558

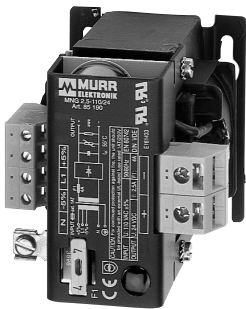
Touch protected to EN 60529 (IP20)

Approvals:

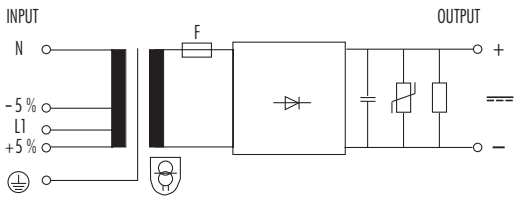


MNG

Input voltage 230 V AC $\pm$ 5 % tapings



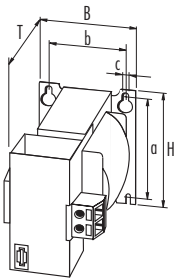
Circuit diagram



Ordering data		Art.-No.	Art.-No.	Art.-No.	Art.-No.
Output rating					
24 V DC/ 1 A	24 W	85204			
24 V DC/2.5 A	60 W		85200		
24 V DC/3.5 A	84 W			85203	
24 V DC/ 5 A	120 W				85201

Input		230 V AC, $\pm$ 5 %			
Input voltage		0.17 A	0.4 A	0.56 A	0.8 A
Input current		0.25 A T	0.5 A T	0.8 A T	1 A T
Input fuse (external)		50/60 Hz			
Frequency					
Output		24 V DC SELV			
Output voltage		1 A	2.5 A	3 A (60 °C); 3.5 A (50 °C)	5 A
Max. output current		< 5 %			
Effective ripple		2 A (automotive fuse FKS)	4 A (automotive fuse FKS)	7.5 A (automotive fuse FKS)	10 A (automotive fuse FKS)
Output fuse		VDR and smoothing capacitor			
Output filter					
General data		EN 61558-2-6, EN 62041 Cat.1, EN 55011 B, EN 61000-3-2			
Guidelines		-20...+55 °C, no condensation		-20...+60 °C, no condensation	-20...+55 °C, no condensation
Temperature range		key-hole mounting			
Mounting method		1.25 kg	1.7 kg	2.2 kg	3 kg
Weight		78 x 71 x 109 mm	78 x 80 x 111 mm	84 x 87 x 120 mm	96 x 91.5 x 129 mm
Dimensions	H x B x T	56 x 47.5 x 4.8 mm	56.5 x 53.5 x 4.8 mm	64 x 62 x 4.8 mm	84 x 75.5 x 4.8 mm
Fixing centers	a x b x c				

Dimension drawing/Fixing centers



Notes

MNG power supply units meet the EN 61000-3-2 guideline.
Suitable snap adapter and replacement fuses see page 4.9.2.

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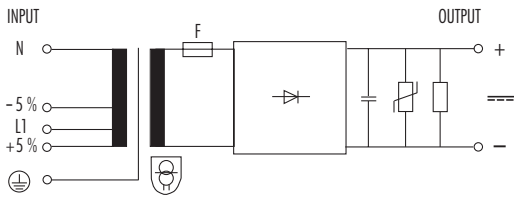
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Input voltage 230 V AC $\pm$ 5 % tapings



Circuit diagram



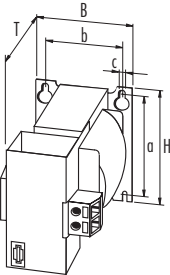
Ordering data		Art.-No.	Art.-No.
	Output rating		
24 V DC/7.5 A	180 W	85199	
24 V DC/10 A	240 W		85202

Input	
Input voltage	230 V AC, $\pm$ 5 %
Input current	1.18 A
Input fuse (external)	1.6 A T
Frequency	50/60 Hz

Output	
Output voltage	24 V DC SELV
Max. output current	7.5 A
Effective ripple	< 5 %
Output fuse	15 A (automotive fuse FKS)
Output filter	VDR and smoothing capacitor

General data	
Guidelines	EN 61558-2-6, EN 62041 Cat.1, EN 55011 B, EN 61000-3-2
Temperature range	-20...+55 °C, no condensation
Mounting method	key-hole mounting
Weight	4.4 kg
Dimensions	H x B x T
Fixing centers	a x b x c

Dimension drawing/Fixing centers



Notes
MNG power supply units meet the EN 61000-3-2 guideline.
Suitable snap adapter and replacement fuses see page 4.9.2.