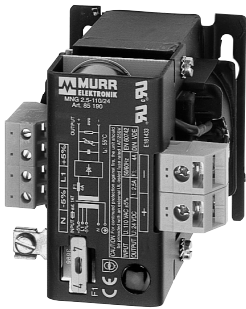


Smoothed
to EN 61558

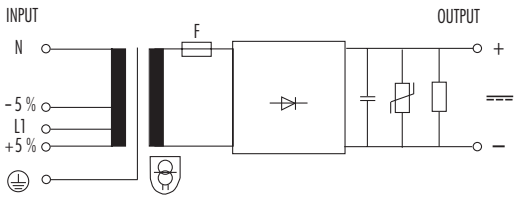
Touch protected to
EN 60529 (IP20)

Approvals: 

MNG
Input voltage 110 V AC $\pm$ 5 % tapings

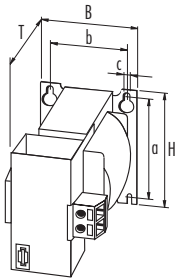


Circuit diagram



Ordering data		Art.-No.	Art.-No.	Art.-No.	Art.-No.
Output rating					
24 V DC/ 1 A	24 W	85194			
24 V DC/2.5 A	60 W		85190		
24 V DC/3.5 A	84 W			85193	
24 V DC/ 5 A	120 W				85191

Input		110 V AC, $\pm$ 5 %			
Input voltage					
Input current		0.36 A	0.82 A	1.19 A	1.6 A
Input fuse (external)		0.63 A T	1 A T	1.5 A T	2 A T
Frequency		50/60 Hz			
Output		24 V DC SELV			
Output voltage					
Max. output current		1 A	2.5 A	3 A (60 °C); 3.5 A (50 °C)	5 A
Effective ripple		< 5 %			
Output fuse		2 A (automotive fuse FKS)	4 A (automotive fuse FKS)	7.5 A (automotive fuse FKS)	10 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		-20...+60 °C, no condensation	-20...+55 °C, no condensation
Mounting method		key-hole mounting			
Weight		1.25 kg	1.7 kg	2.2 kg	3 kg
Dimensions	H x B x T	78 x 71 x 112 mm	78 x 80 x 111 mm	84 x 87 x 120 mm	96 x 91.5 x 129 mm
Fixing centers	a x b x c	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
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.

Smoothed

to EN 61558

**Touch protected to
EN 60529 (IP20)**

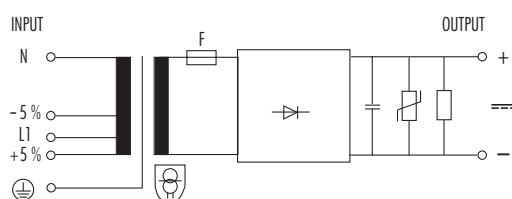
Approvals:

MNG

Input voltage 110 V AC $\pm$ 5 % tapings



Circuit diagram



Ordering data		Art.-No.	Art.-No.
	Output rating		
24 V DC/7.5 A	180 W	85195	
24 V DC/10 A	240 W		85192

Input

Input voltage	110 V AC, $\pm 5\%$	
Input current	2.5 A	3.2 A
Input fuse (external)	3.2 A T	4 A T
Frequency	50/60 Hz	

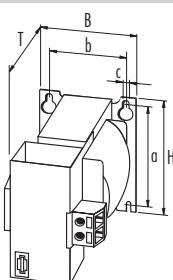
Output

Output voltage	24 V DC SELV	
Max. output current	7.5 A	10 A
Effective ripple	< 5 %	
Output fuse	15 A (automotive fuse FKS)	20 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		5.6 kg
Dimensions	H x B x T	105 x 105 x 145 mm	120 x 105 x 174 mm
Fixing centers	a x b x c	84 x 86 x 5.8 mm	90 x 86.5 x 5.8 mm

Dimension drawing/Fixing centers



Notes

MNG power supply units meet the EN 61000-3-2 guideline.
Replacement fuses see page 4.9.2.