

Smoothed
to EN 61558

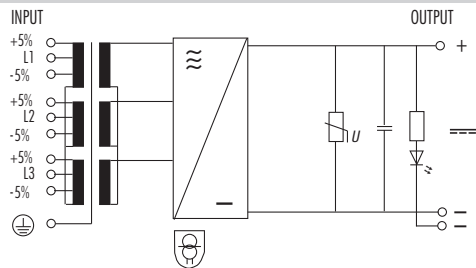
Touch protected to
EN 60529 (IP20)

Approvals: 

MPL
Input voltage 3 x 400 V AC ± 5 % toppings



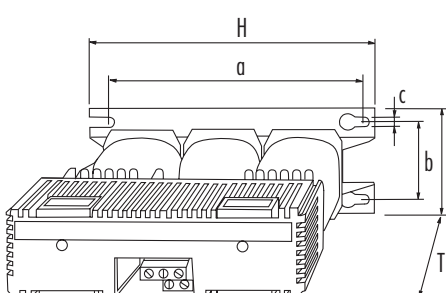
Circuit diagram



Ordering data		Art.-No.
	Output rating	
24 V DC/5.0 A	120 W	85921
24 V DC/7.5 A	180 W	85923
24 V DC/10 A	240 W	85925
24 V DC/15 A	360 W	85927
24 V DC/20 A	480 W	85929

Input	
Input voltage	3 x 400 V AC ± 5 %
Input current	0.3/ 0.42/ 0.55/ 0.8/ 1.1 A
Input fuse (external)	0.4/ 0.5/ 0.63/ 1.0/ 1.6 A T
Frequency	50/60 Hz
Output	
Output voltage	24 V DC SELV
Max. output current	5/ 7.5/ 10/ 15/ 20 A
Efficiency	0.72/ 0.72/ 0.75/ 0.77/ 0.78
Effective ripple	< 2 %
Output fuse (external)	5/ 7.5/ 10/ 15/ 20 A T
Output suppression	LED, VDR and smoothing capacitors

General data	
Test voltage	EN 61558-2-6, EN62041 Cat. 1, EN 55011 B, EN 61000-3-2
Temperature range	-20...+55 °C, mounting on vertical plane at any desired orientation, no condensation
Mounting method	key-hole mounting, at MPL 5 A (85921) no key-hole but long-hole mounting (90° position)

Dimension drawing/Fixing centers (mm)					
			H x B x T	a x b x c	Weight
		5 A	125 x 72.5 x 153	100 x 56.5 x 5	2.85 kg
		7.5 A	185 x 78 x 188	164 x 58 x 6.5	4.4 kg
		10 A	185 x 78 x 188	164 x 58 x 6.5	4.8 kg
		15 A	220 x 82 x 208	195 x 60 x 8	8.15 kg
		20 A	220 x 103 x 213	195 x 81 x 8.5	10.5 kg

Notes	
MPL power supply units meet EN 61000-3-2 guideline.	

Smoothed
to EN 61558

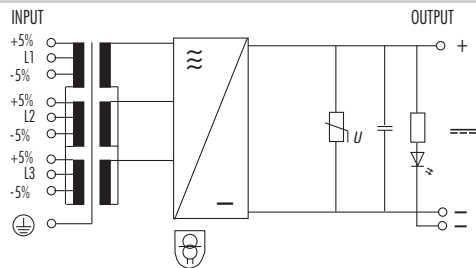
Touch protected to
EN 60529 (IP20)

Approvals: 

MPL
Input voltage 3 x 400 V AC ± 5 % toppings



Circuit diagram



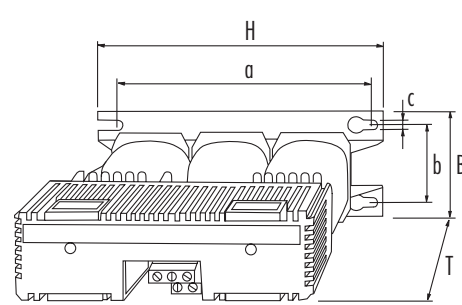
Ordering data		Art.-No.
	Output rating	
24 V DC/25 A	600 W	85931
24 V DC/30 A	720 W	85933
24 V DC/40 A	960 W	85935
24 V DC/50 A	1200 W	85937
24 V DC/60 A	1440 W	85939

Input	
Input voltage	3 x 400 V AC ± 5 %
Input current	1.35/ 1.6/ 2.0/ 2.5/ 3.1 A
Input fuse (external)	1.6/ 2.0/ 3.15/ 4.0/ 4.0 A T
Frequency	50/60 Hz

Output	
Output voltage	24 V DC SELV
Max. output current	25/ 30/ 40/ 50/ 60 A
Efficiency	0.78/ 0.76/ 0.77/ 0.79/ 0.78
Effective ripple	< 2 % eff
Output fuse (external)	25/ 30/ 40/ 50/ 60 A T
Output suppression	LED, VDR and smoothing capacitors

General data	
Test voltage	EN 61558-2-6, EN 62041 Cat. 1, EN 55011 B, EN 61000-3-2
Temperature range	-20...+55 °C, mounting on vertical plane at any desired orientation, no condensation
Mounting method	key-hole mounting

Dimension drawing/Fixing centers (mm)



	H x B x T	a x b x c	Weight
25 A	220 x 103 x 213	195 x 81 x 8.5	11 kg
30 A	240 x 107 x 250	215 x 87 x 8.5	13.5 kg
40 A	280 x 124 x 313	256.5 x 98 x 11	17.8 kg
50 A	280 x 134 x 313	256.5 x 108 x 11	20.9 kg
60 A	280 x 154 x 313	256.5 x 128 x 11	26.1 kg

Notes	
MPL power supply units meet EN 61000-3-2 guideline. Not required for Art.-No. 85937 and 85939.	