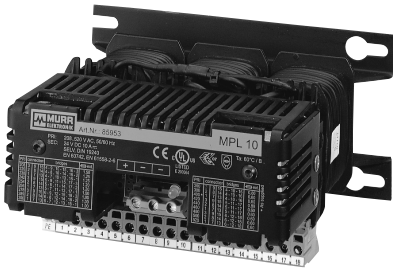


Smoothed
to EN 61558

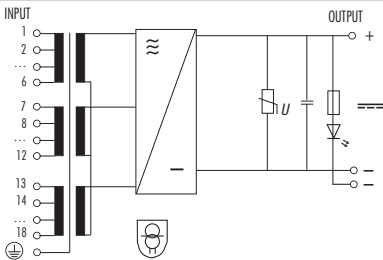
Touch protected to
EN 60529 (IP20)

Approvals: 

MPL
Input voltage 3 x 208...520 V AC



Circuit diagram



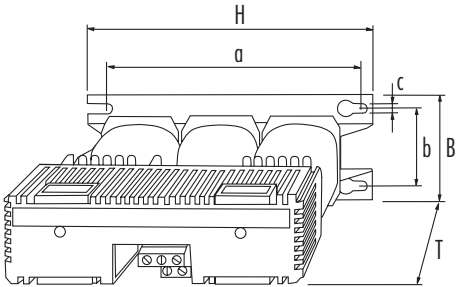
Ordering data		Art.-No.	Art.-No.
	Output rating		
24 V DC/ 10 A	240 W	85953	
24 V DC/ 15 A	360 W		85954

Input	
Input voltage (fuse external)	3 x 208...520 V AC
Frequency	50/60 Hz
Output	
Output voltage	24 V DC SELV
Max. output current	10 A 15 A
Efficiency	0.73 0.75
Effective ripple	< 2 %
Output fuse (external)	10 A T 15 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

Dimension drawing/Fixing centers (mm)

Connection possibilities and protection
see page 4.4.5



	H x B x T	a x b x c	Weight
10 A	185 x 93 x 188	164 x 74 x 6.5	6.6 kg
15 A	220 x 82 x 208	195 x 60 x 8	7.5 kg
25 A	220 x 103 x 213	195 x 81 x 8.5	11.1 kg
40 A	280 x 124 x 313	256.5 x 98 x 11	17.9 kg
50 A	280 x 134 x 313	256.5 x 108 x 11	20.9 kg

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

Smoothed

to EN 61558

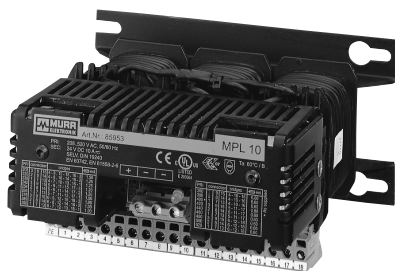
Touch protected to
EN 60529 (IP20)

Approvals:

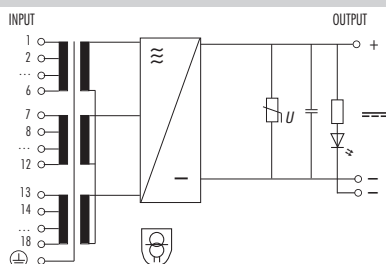


MPL

Multiple primary voltages 3 x 208...520 V AC



Circuit diagram



Ordering data		Art.-No.			Art.-No.		Art.-No.					
	Output rating											
24 V DC/ 25 A	600 W	85955										
24 V DC/ 40 A	960 W				85956							
24 V DC/ 50 A	1200 W						85957					
Input												
Input voltage (fuse external)		3 x 208...520 V AC										
Frequency		50/60 Hz										
Output												
Output voltage		24 V DC SELV										
Max. output current		25 A			40 A		50 A					
Efficiency		0.73			0.79		0.77					
Effective ripple		< 2 %										
Output fuse (external)		25 A T			40 A T		50 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										
Wiring possibilities		Input voltage	L1	L2	L3	Bridges	Fusing	10 A	15 A	25 A	40 A	50 A
Dimension drawing/Fixing centers see page 4.4.4		208 V AC	3	9	15	4 - 9, 10 - 15, 16 - 3	(slow blow)	1.50	2.00	3.20	5.00	7.00
		220 V AC	2	8	14	4 - 8, 10 - 14, 16 - 2		1.25	2.00	3.00	5.00	6.25
		230 V AC	1	7	13	4 - 7, 10 - 13, 16 - 1		1.25	1.80	3.00	5.00	6.00
		242 V AC	3	9	15	5 - 9, 11 - 15, 17 - 3		1.25	1.80	2.80	5.00	6.00
		254 V AC	2	8	14	5 - 8, 11 - 14, 17 - 2		1.25	1.60	2.80	5.00	6.00
		266 V AC	1	7	13	5 - 7, 11 - 13, 17 - 1		1.00	1.60	2.50	4.00	5.00
		278 V AC	3	9	15	6 - 9, 12 - 15, 18 - 3		1.00	1.50	2.50	4.00	5.00
		289 V AC	2	8	14	6 - 8, 12 - 14, 18 - 2		1.00	1.50	2.50	4.00	5.00
		300 V AC	1	7	13	6 - 7, 12 - 13, 18 - 1		1.00	1.50	2.25	3.50	4.50
		360 V AC	3	9	15	4 - 10 - 16		0.80	1.25	2.00	3.00	4.00
		380 V AC	2	8	14	4 - 10 - 16		0.80	1.125	2.00	3.00	3.50
		400* V AC	1	7	13	4 - 10 - 16		0.80	1.125	2.00	3.00	3.50
		420 V AC	3	9	15	5 - 11 - 17		0.80	1.00	1.60	2.50	3.25
		440 V AC	2	8	14	5 - 11 - 17		0.60	1.00	1.50	2.50	3.00
		460 V AC	1	7	13	5 - 11 - 17		0.60	1.00	1.50	2.50	3.00
		480 V AC	3	9	15	6 - 12 - 18		0.60	1.00	1.50	2.25	2.80
500 V AC	2	8	14	6 - 12 - 18	0.50	0.80	1.50	2.25	2.80			
520 V AC	1	7	13	6 - 12 - 18	0.50	0.80	1.25	2.00	2.80			
Notes												
		* Condition. MPL power supply units meet EN 61000-3-2 guideline. Not required for Art.-No. 85957.										