

DC/DC converters  
AC/DC converters

Touch protected to  
EN 60529 (IP20)

### GLS

Input 24 V DC  
Output regulated  
5 V DC



### GSS

Input 24 V DC  
Output switched mode  
5 V DC



### NG

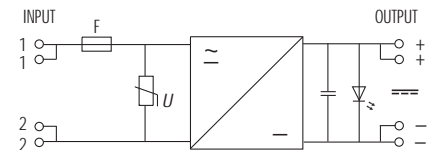
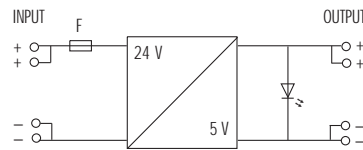
Input 24 V AC  
Output regulated  
24 V DC



### NT

Input 24 V AC  
Output adjustable  
via potentiometer  
24 V DC

### Circuit diagram



### Ordering data

		Art.-No.	Art.-No.	Art.-No.	Art.-No.
Output data					
5 V DC/1.2 A	6 W	85600			
5 V DC/ 4 A	20 W		85650		
24 V DC/3.5 A	84 W			85740	
5...35 V DC/3.5 A	122 W				85660

### Input

Input voltage	24 V DC +10% - 15%	15...40 V DC	22...28 V AC; 26...40 V DC	10...32 V AC; 12...42 V DC
Input current	1.2 A	1 A (at 24 V DC: 4 A)	3.5 A	max. 3 A
Frequency	-		50/60 Hz	
Input fuse	2.0 A T		4.0 A T	6.3 A T

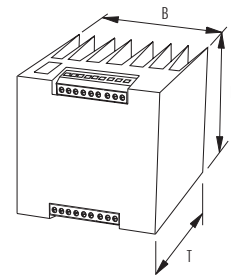
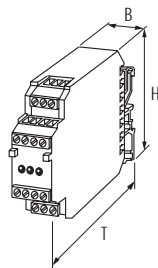
### Output

Output voltage	5 V DC SELV $\pm$ 5 %		24 V DC SELV $\pm$ 3 %	5...35 V DC SELV ( $U_{OUTmax} = U_{IN} - 5 V$ )
Max. output current	1.2 A	4 A	3.5 A	
Ripple	< 0.2 % eff		< 0.3 % eff	< 0.3 V <sub>SS</sub>
Output fuse	short-circuit protected		not short-circuit protected	short-circuit protected

### General data

Temperature range	-20...+60 °C, no condensation			
Mounting method	DIN-rail mounting to EN 60715 (TH35 resp. G32)			
Weight	0.2 kg	0.13	0.8 kg	
Dimensions	H x B x T	75 x 45 x 102 mm	75 x 22.5 x 102 mm	90 x 90 x 130 mm

### Dimension drawing



### Notes