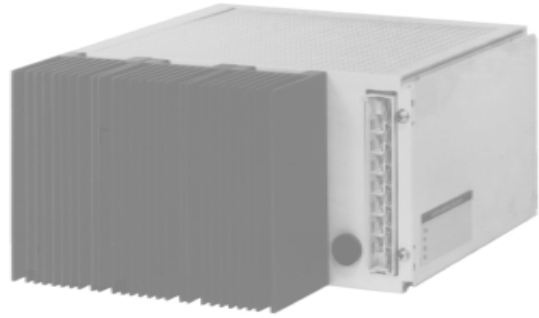


## AC/DC Euro - Cassette

Made in Europe 

### Single Output Voltage Regulated Series EG

Output power 25 ÷ 145 W  
Series regulated  
Isolated  
High industrial standard  
Intended for 19" rack



#### Input:

Input voltage (AC) 230V<sub>AC</sub> - 10% +6%,  
50 ÷ 60 Hz

#### Output:

Output voltage (DC) see table  
Output current see table

#### Regulation:

Line regulation  $\leq 0,01\% U_{out}$   
(AC line change  $\pm 10\%$ )  
Load regulation  $\leq 0,01\% U_{out}$   
(0 ÷ 100% output load change)  
Dynamic response  $\leq 50 \mu s$   
Ripple and noise  $\leq 1 mV_{pk-pk}$   
Temperature coefficient  $\leq 0,02\%/K$

#### Protection:

Overload protection power limit, auto fold back  
short circuit protection  
consult factory for  
current regulation  
Thermal protection shut down at ca. +83°C  
internal unit temperature,  
automatic recovery of U<sub>out</sub>  
after cooling  
(ca. +80°C)

#### Environmental Conditions:

Operating temperature -10 ÷ +60°C  
Cooling free air convection

#### Safety:

Safety standard EN60950  
Isolation input - output: 2,5 kV<sub>rms</sub>  
input - ground: 1,5 kV<sub>rms</sub>  
output - ground: 500 V<sub>rms</sub>

#### EMC:

Input EMI filter EN50081-1  
Input immunity EN50082-2

#### Operating and Control:

Programming consult factory:  
with ext. resistors 1 kΩ/V  
same models  
possible  
Series operation  
Sense up to 10% U<sub>out</sub>  
Ext. on/off consult factory  
(TTL low  $\cong$  off (1 mA)  
or +5 V  $\cong$  on)  
Indicator "ON" LED green: U<sub>out</sub> present  
Indicator "FAULT" LED red: U<sub>out</sub> failure  
(Overcurrent, -temp., ext. on/off)  
Adjustment voltage  $\pm 10\%$ , potentiometer  
front-panel

#### Connectors:

Input and Output H15-connector, to DIN 41612

#### Physical Specifications:

Dimensions see table and drawing  
Weight see table

Voltage (V) / Current (A)	Case	Weight (kg)	Model Number
5/5	A	2,4	EG5-5
5/14	B	5,7	EG5-14
12/3,5	A	2,4	EG12-3,5
12/10	B	5,7	EG12-10
15/3,3	A	2,4	EG15-3,3
15/9	B	5,7	EG15-9
24/2,5	A	2,4	EG24-2,5
24/6	B	5,7	EG24-6

**Options:**

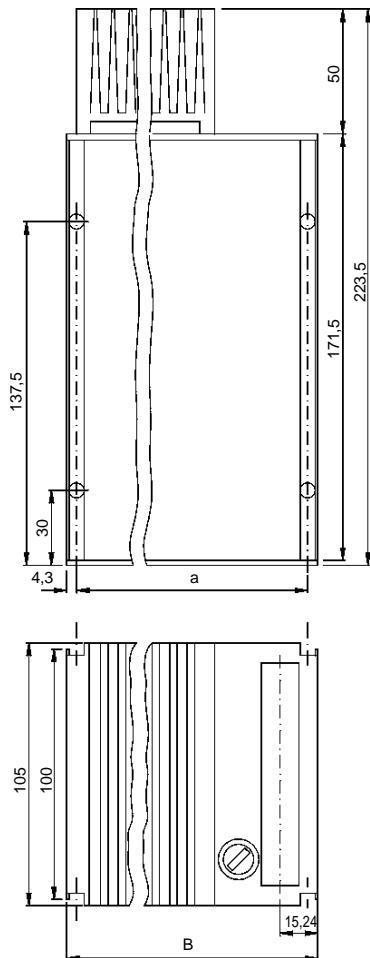
Female plug H15  
 19" front-panel, colour RAL 7032  
 Sub front-panel  
 (2 T wider than mounting width)  
 - colour Al anodized  
 - colour RAL 7032  
 other colours consult factory

**Dimensions**

Width W		Distance (holes) a	
Case A	Case B	Case A	Case B
103,1 (20 T)	204,7 (40 T)	94,4	196,1

T = 5,08 mm

**Dimensions in mm**



**Pin Assignment**

H15-connector	EG..
z4	
d6	- Output
z8	- Output
d10	- Sense
z12	+ Sense
d14	+ Output
z16	+ Output
d18	
z20	
d22	
z24	
d26	L
z28	
d30	N
z32	⊕

AC/DC Euro-Rack and Open Frame