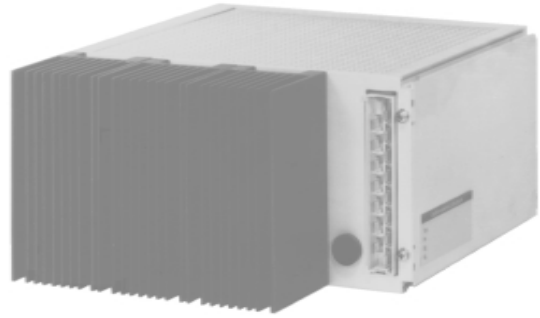


AC/DC Euro - Cassette

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_{AC} - 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_{out}
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_{rms}
input - ground: 1,5 kV_{rms}
output - ground: 500 V_{rms}

EMC:

Input EMI filter EN50081-1
Input immunity EN50082-2

Operating and Control:

Programming consult factory:
with ext. resistors 1 k Ω /V
same models
Parallel operation possible
Series operation possible
Sense up to 10 % U_{out}
Ext. on/off consult factory
(TTL low \cong off (1 mA)
or +5 V \cong on)
Indicator "ON" LED green: U_{out} present
Indicator "FAULT" LED red: U_{out} 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:

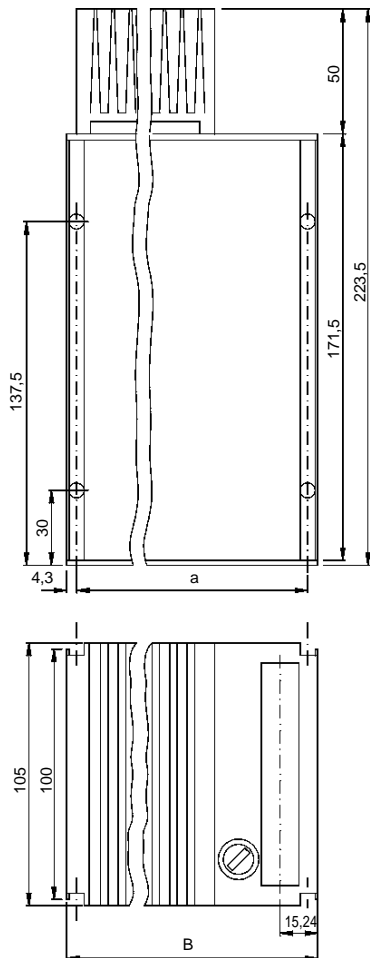
Female plug H15
 19" front-panel, colour RAL 7032
 Sub front-panel
 (2 T wider than mounting width)
 - colour Al anodized
 - colour RAL 7032
 other colours consult factory

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	⊕