

Electronic transformers with very low build-in height from 10.5mm to 19mm.
Short circuits, overload and overheating protection.
With softstart.

TRANSFORMERS WITH LOW BUILD-IN HEIGHT

20/40/60/70/105/120W
10-19mm MOUNTING HEIGHT



20W SET20LT



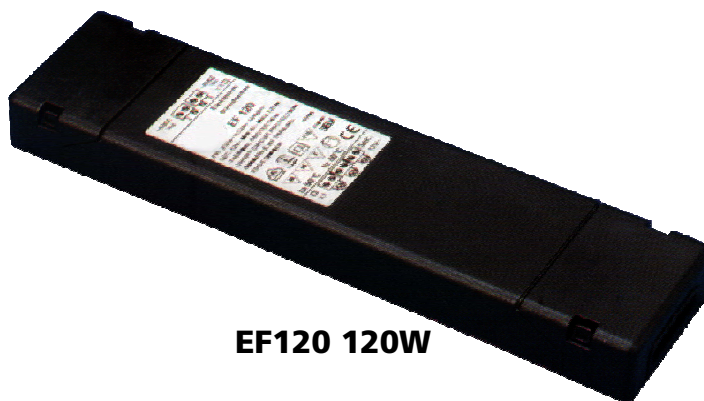
40W SET40LLV



SET60F 60W



**SET70F-2/SET105F-2
70/105W**



EF120 120W

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TRANSFORMERS WITH LOW BUILD-IN HEIGHT 20-120W

Power	20W	40W	60W	70W	105W	120W
Art. Nr.	V-1502020F	V-1504020F	V-1506020F	V-1507010F	V-1510520F	V-1512010F
Designation	VA-SET20LT	VA-SET 40 LLV	VA-SET60F	VA-SET70F-2	VA-SET105F-2	VA-EF120
Voltage primary	230V	220/240V	220/240V	230V	230V	230V
Secondary	11,5V	11,5V	11,6V	11,6V	11,6V	12V
Voltage secondary	1,8A	3,5A	4,9A	6,05A	8,8A	10A
Load W	10-20W	10-40W	10-60W	20-70W	35-105W	20-120W
Ambient temp. max.(ta)	+ 50 °C	+ 45 °C	+ 50 °C	+ 50 °C	+ 50 °C	+ 50 °C
Test temperature (tc)	+ 75°C	+ 85°C	+ 85°C	+ 85°C	+ 85°C	+ 80°C
Dimensions: L (mm)	65	128	115	122	122	186
W (mm)	34	43	45	39	39	45
H (mm)	19	10,5	16	18	18	19
Weight	65g	95g	95g	105g	110g	135g
Isolation class	II	II	II	II	II	II
Protection index	IP20	IP20	IP20	IP20	IP20	IP20
Cover: non-combustible thermoplastic	Yes	Yes	Yes	Yes	Yes	Yes
Colour	White	White	White	Black	White	Black
Protection against short-circuiting with auto reset	Yes	Yes	Yes	Yes	Yes	Yes
overload -"-	Yes	Yes	Yes	Yes	Yes	Yes
overheating -"-	Yes	Yes	Yes	Yes	Yes	Yes
transients -"-	Yes	Yes	Yes	Yes	Yes	Yes
Softstart	Yes	Yes	Yes	Yes	Yes	Yes
Manufacturing standard	EN 61547	EN 61547	EN 61547	EN 61547	EN 61547	EN 61547
Approvals	TÜV/CE	VDE/N/CE	VDE/CE	VDE/CE	VDE/CE	VDE/CE
EMC-requirements	Approved	Approved	Approved	Approved	Approved	Approved
Connections						
primary screwterm.	Cable	1	1	1	1	2
primary screwterm, area	-	0,75 mm ²	0,75 mm ²	0,75 mm ²	1,5 mm ²	2,5 mm ²
secondary screwterm.	Cable	1	1	1	1	3
secondary screwterm, area	-	2,5 mm ²	2,5 mm ²	2,5 mm ²	2,5 mm ²	2,5 mm ²
Dimming						
transistortype dimmer	Yes	Yes	Yes	Yes	Yes	Yes
thyristor/triacttype dimmer	No	No	No	No	No	No
Applications						
for built-in use in	Yes	Yes	Yes	Yes	Yes	Yes
for independent use	Yes	Yes	Yes	Yes	Yes	Yes
approved for mounting on furniture	Yes	Yes	Yes	Yes	Yes	Yes

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