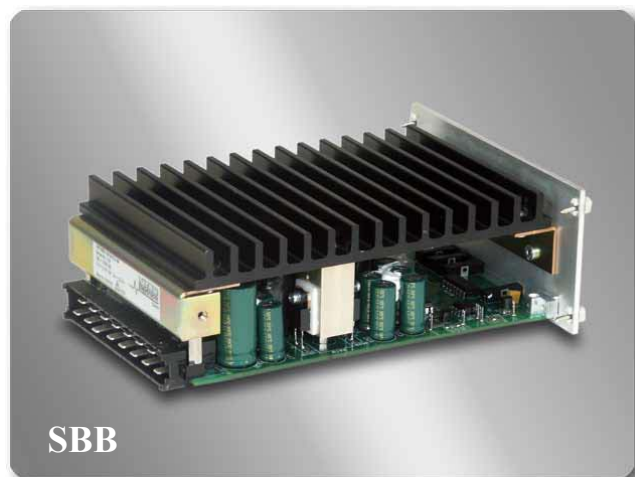


**Single & dual outputs**

2100 V DC Input to output isolation

- 4:1 input voltage ranges 14.4V... 50.4V  
40.0V... 154.0V
- High efficiency up to 91%
- High reliability
- Mono + dual outputs
- Extended ambient temperature range  
T<sub>A</sub> = - 40°C...+ 85°C
- Continuous short-circuit proofed
- 2 years warranty



No load input current	15 mA typ.
Switching frequency	100 kHz typ.
Output voltage factory adjust	± 1% max.
Static line regulation	± 10 mV typ.
Output voltage ripple noise (300 kHz BW) - 40°C...+ 85°C	5V outputs 75 mVpp typ. 12V outputs 180 mVpp typ. 15V outputs 225 mVpp typ.
Efficiency	81% to 91% typ.
I   O Electric strength test voltage	2100 VDC
I   O Electric strength test voltage	2100 VDC
O   PE Electric strength test voltage	1000 VDC
Coupling capacitance	on request
Ambient temperature range	T <sub>A</sub> = - 40°C . . . + 85°C
Storage temperature range	T <sub>A</sub> = - 55°C . + 105°C
Case material (IP20)	Metal, 19"rack and/or rail mounting
MTBF, SN 29500 T <sub>A</sub> = + 40°C	500.000 hours

Electromagnetics emission: EN 50081-2, EN 50155, EN50121-3-2  
 Electromagnetics susceptibility: EN 50082-2

H15-Pin Configuration		
Pin	Single	Dual
z 4	+ V <sub>out</sub>	+ S
d 6	+ V <sub>out</sub>	+ V <sub>out</sub>
z 8	GND	0 S
d 10	GND	GND
z 12	n.c.	GND
d 14	n.c.	- V <sub>out</sub>
z 16	+ S	- S
d 18	0 S	n.c.
z 20	PF	PF
d 22	Enable	Enable
z 24	PE	PE
d 26	+ V <sub>in</sub>	+ V <sub>in</sub>
z 28	+ V <sub>in</sub>	+ V <sub>in</sub>
d 30	- V <sub>in</sub>	- V <sub>in</sub>
z 32	- V <sub>in</sub>	- V <sub>in</sub>

Types	Input		Output				Power
	Voltage		Voltage		Current		
	min.	max.	Out 1	Out 2	Out 1	Out 2	
60 SBB 024 D15	14.4V	50.4V	+15V	-15V	2A	2A	60W
60 SBB 024 D24	14.4V	50.4V	+24V	-24V	1.25A	1.25A	60W
60 SBB 110 D15	40V	154V	+15V	-15V	2A	2A	60W
100 SBB 024 D15	14.4V	50.4V	+15V	-15V	3.3A	3.3A	100W
100 SBB 024 D24	14.4V	50.4V	+24V	-24V	2.1A	2.1A	100W
105 SBB 110 D15	40V	154V	+15V	-15V	3.3A	3.3A	105W
100 SBB 110 D24	40V	154V	+24V	-24V	2.1A	2.1A	100W
60 SBB 024 M05	14.4V	50.4V	5V	-	12A	-	60W
60 SBB 024 M12	14.4V	50.4V	12V	-	5A	-	60W
60 SBB 024 M15	14.4V	50.4V	15V	-	4A	-	60W
60 SBB 024 M24	14.4V	50.4V	24V	-	2.5A	-	60W
60 SBB 110 M05	40V	154V	5V	-	12A	-	60W
60 SBB 110 M15	40V	154V	15V	-	4A	-	60W
60 SBB 110 M24	40V	154V	24V	-	2.5A	-	60W
100 SBB 110 M24	40V	154V	24V	-	4.25A	-	100W
100 SBB 110 M15	40V	154V	15V	-	6.67A	-	100W
150 SBB 036 M24	21.6V	50.4V	24V	-	6.25A	-	150W
150 SBB 110 M24	43.2V	154V	24V	-	6.25A	-	150W

Output/input-voltage modifications upon request.

