

IP20 power packs

	AS-Interface Power Supply	AS-Interface Power Supply	AS-Interface Power Supply
	Single output IP20	Single output IP20	Single output IP20
	Output current 3 A	Output current 5 A	Output current 8 A
	3RX9 501-0BA00 new	3RX9 502-0BA00 new	3RX9 503-0BA00 new
Input data			
Primary voltage U_e in V	120/ 230 AC	120/ 230 AC	120/230 ... AC 500
Operating voltage range in V	85 ... AC 132 / 176 ... 253	85 ... AC 132 / 176 ... 253	85 ... AC 132 / 176 ... 550
Mains frequency range in Hz	47 ... 63	47 ... 63	47 ... 63
Mains buffering at I_a rated in ms	> 20	> 20	> 20
Rated primary current in A	1.6 / 0.9	2.7 / 1.5	4.4 / 2.4
Back-up protection in the main supply line recommended (IEC 898) in A	6 Charateristic C	6 Charateristic C	10 Charateristic C
Output data			
Rated output voltage U_a rated30 in V	DC 30	DC 30	DC 30
Residual ripple / spikes	< 50 mVpp (10 ... 500 kHz) < 300 mVpp (0 ... 10 kHz)	< 50 mVpp (10 ... 500 kHz) < 300 mVpp (0 ... 10 kHz)	< 50 mVpp (10 ... 500 kHz) < 300 mVpp (0 ... 10 kHz)
Rated output current I_a rated in A	3	5	8
Making-current limitation in A	typ. 3.5	typ. 5.5	typ. 8.5
Efficiency at full load in %	typ. 84	typ. 87	typ. 87
Ambient conditions			

	AS-Interface Power Supply	AS-Interface Power Supply	AS-Interface Power Supply
● Storage/transport temperature in °C	-25 ... +80	-25 ... +80	-25 ... +80
● Ambient operating temperature in °C	-10 ... +70	-10 ... +70	-10 ... +70
● Degree of protection	IP20	IP20	IP20
● Degree of pollution	2	2	2
● Humidity class	Climate class DIN 50010, relative air humidity max. 100 %, without condensation		
● EMC emitted interference class B	IEC 61000-6-3	IEC 61000-6-3	IEC 61000-6-3
● EMC interference immunity	EN 61000-6-2, EN 61000-4-2/-3/-4/-5/-6/-11		